

**Dell Test Event Notification Message  
Reference  
2014/10/07**



# Notes, Cautions, and Warnings



**NOTE:** A NOTE indicates important information that helps you make better use of your computer.



**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

**Copyright © 2014 Dell Inc. All rights reserved.** This product is protected by U.S. and international copyright and intellectual property laws. Dell™ and the Dell logo are trademarks of Dell Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

# Contents

<b>1.0 Introduction.....</b>	<b>13</b>
1.1 FSD000 : "Debug authorized by customer; debugcaps: <DebugCaps>, was authorized by: <iDRAC User>, at <unblock time> for the period: <start time> to <end time>." .....	14
<b>2.0 Email Event Notification Test Messages.....</b>	<b>16</b>
2.1 Category: Audit.....	16
2.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS].....	16
2.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	16
2.1.3 Subcategory= Dell Key Mngr [MessageID prefix =DKM].....	20
2.1.4 Subcategory= Fan Event [MessageID prefix =FAN].....	21
2.1.5 Subcategory= Feature Card [MessageID prefix =FCD].....	21
2.1.6 Subcategory= Debug [MessageID prefix =FSD].....	22
2.1.7 Subcategory= Hardware Config [MessageID prefix =HWC].....	22
2.1.8 Subcategory= IO Virtualization [MessageID prefix =IOV].....	23
2.1.9 Subcategory= DRAC IP Address [MessageID prefix =IPA].....	23
2.1.10 Subcategory= iDRAC Service Module [MessageID prefix =ISM].....	23
2.1.11 Subcategory= Job Control [MessageID prefix =JCP].....	25
2.1.12 Subcategory= Licensing [MessageID prefix =LIC].....	26
2.1.13 Subcategory= Log event [MessageID prefix =LOG].....	28
2.1.14 Subcategory= Memory [MessageID prefix =MEM].....	29
2.1.15 Subcategory= PCI Device [MessageID prefix =PCI].....	29
2.1.16 Subcategory= Power Usage [MessageID prefix =POW].....	29
2.1.17 Subcategory= Power Supply [MessageID prefix =PSU].....	29
2.1.18 Subcategory= Power Usage [MessageID prefix =PWR].....	32
2.1.19 Subcategory= RAC Event [MessageID prefix =RAC].....	44
2.1.20 Subcategory= Redundancy [MessageID prefix =RDU].....	51
2.1.21 Subcategory= Software Config [MessageID prefix =SWC].....	54
2.1.22 Subcategory= Software Change [MessageID prefix =SWU].....	60
2.1.23 Subcategory= System Info [MessageID prefix =SYS].....	62
2.1.24 Subcategory= Temperature [MessageID prefix =TMP].....	63
2.1.25 Subcategory= User Tracking [MessageID prefix =USR].....	63
2.1.26 Subcategory= Virtual Media [MessageID prefix =VME].....	69
2.2 Category: Configuration.....	69
2.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR].....	70
2.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS].....	75
2.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT].....	78
2.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	79
2.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH].....	80

2.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS].....	80
2.2.7 Subcategory= Fan Event [MessageID prefix =FAN].....	82
2.2.8 Subcategory= Fiber Channel [MessageID prefix =FC].....	83
2.2.9 Subcategory= Hardware Config [MessageID prefix =HWC].....	85
2.2.10 Subcategory= IO Identity Optimization [MessageID prefix =IIO].....	85
2.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV].....	88
2.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA].....	91
2.2.13 Subcategory= Job Control [MessageID prefix =JCP].....	91
2.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC].....	93
2.2.15 Subcategory= Licensing [MessageID prefix =LIC].....	98
2.2.16 Subcategory= Log event [MessageID prefix =LOG].....	99
2.2.17 Subcategory= NIC Config [MessageID prefix =NIC].....	100
2.2.18 Subcategory= OS Deployment [MessageID prefix =OSD].....	102
2.2.19 Subcategory= PCI Device [MessageID prefix =PCI].....	104
2.2.20 Subcategory= Part Exchange [MessageID prefix =PR].....	104
2.2.21 Subcategory= Power Usage [MessageID prefix =PWR].....	107
2.2.22 Subcategory= RAC Event [MessageID prefix =RAC].....	107
2.2.23 Subcategory= FW Download [MessageID prefix =RED].....	130
2.2.24 Subcategory= Remote Service [MessageID prefix =RSI].....	132
2.2.25 Subcategory= Security Event [MessageID prefix =SEC].....	132
2.2.26 Subcategory= Storage [MessageID prefix =STOR].....	132
2.2.27 Subcategory= Software Config [MessageID prefix =SWC].....	139
2.2.28 Subcategory= System Info [MessageID prefix =SYS].....	153
2.2.29 Subcategory= Test Alert [MessageID prefix =TST].....	160
2.2.30 Subcategory= UEFI Event [MessageID prefix =UEFI].....	161
2.2.31 Subcategory= User Tracking [MessageID prefix =USR].....	164
2.2.32 Subcategory= vFlash Media [MessageID prefix =VF].....	165
2.2.33 Subcategory= vFlash Event [MessageID prefix =VFL].....	166
2.2.34 Subcategory= Virtual Console [MessageID prefix =VRM].....	167
2.3 Category: Storage.....	167
2.3.1 Subcategory= Battery Event [MessageID prefix =BAT].....	167
2.3.2 Subcategory= Cable [MessageID prefix =CBL].....	171
2.3.3 Subcategory= Storage Contr [MessageID prefix =CTL].....	172
2.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG].....	185
2.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC].....	188
2.3.6 Subcategory= Fan Event [MessageID prefix =FAN].....	192
2.3.7 Subcategory= Unknown [MessageID prefix =FLDC].....	192
2.3.8 Subcategory= Physical Disk [MessageID prefix =PDR].....	196
2.3.9 Subcategory= Power Supply [MessageID prefix =PSU].....	208
2.3.10 Subcategory= RAC Event [MessageID prefix =RAC].....	210
2.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD].....	210
2.3.12 Subcategory= Storage [MessageID prefix =STOR].....	211

2.3.13 Subcategory= Software Change [MessageID prefix =SWU].....	216
2.3.14 Subcategory= Temperature [MessageID prefix =TMP].....	216
2.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR].....	217
2.4 Category: System Health.....	226
2.4.1 Subcategory= Amperage [MessageID prefix =AMP].....	226
2.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR].....	229
2.4.3 Subcategory= Battery Event [MessageID prefix =BAT].....	230
2.4.4 Subcategory= Cable [MessageID prefix =CBL].....	232
2.4.5 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	233
2.4.6 Subcategory= Processor [MessageID prefix =CPU].....	235
2.4.7 Subcategory= Proc Absent [MessageID prefix =CPUA].....	238
2.4.8 Subcategory= Diagnostic [MessageID prefix =DIAG].....	238
2.4.9 Subcategory= Dell Key Mngr [MessageID prefix =DKM].....	246
2.4.10 Subcategory= Fan Event [MessageID prefix =FAN].....	246
2.4.11 Subcategory= Fiber Channel [MessageID prefix =FC].....	249
2.4.12 Subcategory= Hardware Config [MessageID prefix =HWC].....	249
2.4.13 Subcategory= IO Virtualization [MessageID prefix =IOV].....	259
2.4.14 Subcategory= Link Status [MessageID prefix =LNK].....	261
2.4.15 Subcategory= Log event [MessageID prefix =LOG].....	261
2.4.16 Subcategory= Memory [MessageID prefix =MEM].....	262
2.4.17 Subcategory= NIC Config [MessageID prefix =NIC].....	269
2.4.18 Subcategory= OS Event [MessageID prefix =OSE].....	270
2.4.19 Subcategory= PCI Device [MessageID prefix =PCI].....	270
2.4.20 Subcategory= Physical Disk [MessageID prefix =PDR].....	277
2.4.21 Subcategory= System Performance Event [MessageID prefix =PFM].....	281
2.4.22 Subcategory= BIOS POST [MessageID prefix =PST].....	282
2.4.23 Subcategory= Power Supply [MessageID prefix =PSU].....	282
2.4.24 Subcategory= PSU Absent [MessageID prefix =PSUA].....	289
2.4.25 Subcategory= Power Usage [MessageID prefix =PWR].....	289
2.4.26 Subcategory= RAC Event [MessageID prefix =RAC].....	294
2.4.27 Subcategory= Redundancy [MessageID prefix =RDU].....	294
2.4.28 Subcategory= IDSDM Media [MessageID prefix =RFL].....	295
2.4.29 Subcategory= IDSDM Absent [MessageID prefix =RFLA].....	296
2.4.30 Subcategory= FlexAddress SD [MessageID prefix =RFM].....	297
2.4.31 Subcategory= IDSDM Redundancy [MessageID prefix =RRDU].....	297
2.4.32 Subcategory= Security Event [MessageID prefix =SEC].....	298
2.4.33 Subcategory= Sys Event Log [MessageID prefix =SEL].....	299
2.4.34 Subcategory= Software Config [MessageID prefix =SWC].....	302
2.4.35 Subcategory= System Info [MessageID prefix =SYS].....	305
2.4.36 Subcategory= Temperature [MessageID prefix =TMP].....	309
2.4.37 Subcategory= Temperature Statistics [MessageID prefix =TMPS].....	315
2.4.38 Subcategory= UEFI Event [MessageID prefix =UEFI].....	315

2.4.39 Subcategory= vFlash Media [MessageID prefix =VF].....	321
2.4.40 Subcategory= vFlash Event [MessageID prefix =VFL].....	321
2.4.41 Subcategory= vFlash Absent [MessageID prefix =VFLA].....	324
2.4.42 Subcategory= Voltage [MessageID prefix =VLT].....	324
2.4.43 Subcategory= Virtual Console [MessageID prefix =VRM].....	331
2.5 Category: Updates.....	331
2.5.1 Subcategory= Job Control [MessageID prefix =JCP].....	332
2.5.2 Subcategory= Lifecycle Contr [MessageID prefix =LC].....	332
2.5.3 Subcategory= RAC Event [MessageID prefix =RAC].....	332
2.5.4 Subcategory= FW Download [MessageID prefix =RED].....	332
2.5.5 Subcategory= FW Update Job [MessageID prefix =SUP].....	339
2.5.6 Subcategory= Software Config [MessageID prefix =SWC].....	346
2.5.7 Subcategory= Software Change [MessageID prefix =SWU].....	346
2.5.8 Subcategory= UEFI Event [MessageID prefix =UEFI].....	351
2.6 Category: Work Notes.....	352
2.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI].....	352
2.6.2 Subcategory= User Tracking [MessageID prefix =USR].....	352

### **3.0 SNMP Trap Event Notification Test Messages..... 353**

3.1 Category: Audit.....	353
3.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS].....	353
3.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	353
3.1.3 Subcategory= Dell Key Mngr [MessageID prefix =DKM].....	357
3.1.4 Subcategory= Fan Event [MessageID prefix =FAN].....	358
3.1.5 Subcategory= Feature Card [MessageID prefix =FCD].....	358
3.1.6 Subcategory= Debug [MessageID prefix =FSD].....	359
3.1.7 Subcategory= Hardware Config [MessageID prefix =HWC].....	359
3.1.8 Subcategory= IO Virtualization [MessageID prefix =IOV].....	360
3.1.9 Subcategory= DRAC IP Address [MessageID prefix =IPA].....	360
3.1.10 Subcategory= iDRAC Service Module [MessageID prefix =ISM].....	360
3.1.11 Subcategory= Job Control [MessageID prefix =JCP].....	362
3.1.12 Subcategory= Licensing [MessageID prefix =LIC].....	363
3.1.13 Subcategory= Log event [MessageID prefix =LOG].....	365
3.1.14 Subcategory= Memory [MessageID prefix =MEM].....	366
3.1.15 Subcategory= PCI Device [MessageID prefix =PCI].....	366
3.1.16 Subcategory= Power Usage [MessageID prefix =POW].....	366
3.1.17 Subcategory= Power Supply [MessageID prefix =PSU].....	366
3.1.18 Subcategory= Power Usage [MessageID prefix =PWR].....	369
3.1.19 Subcategory= RAC Event [MessageID prefix =RAC].....	381
3.1.20 Subcategory= Redundancy [MessageID prefix =RDU].....	388
3.1.21 Subcategory= Software Config [MessageID prefix =SWC].....	391
3.1.22 Subcategory= Software Change [MessageID prefix =SWU].....	397

3.1.23 Subcategory= System Info [MessageID prefix =SYS].....	399
3.1.24 Subcategory= Temperature [MessageID prefix =TMP].....	400
3.1.25 Subcategory= User Tracking [MessageID prefix =USR].....	400
3.1.26 Subcategory= Virtual Media [MessageID prefix =VME].....	406
3.2 Category: Configuration.....	406
3.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR].....	407
3.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS].....	412
3.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT].....	415
3.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	416
3.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH].....	417
3.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS].....	417
3.2.7 Subcategory= Fan Event [MessageID prefix =FAN].....	419
3.2.8 Subcategory= Fiber Channel [MessageID prefix =FC].....	420
3.2.9 Subcategory= Hardware Config [MessageID prefix =HWC].....	422
3.2.10 Subcategory= IO Identity Optimization [MessageID prefix =IOLD].....	422
3.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV].....	425
3.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA].....	428
3.2.13 Subcategory= Job Control [MessageID prefix =JCP].....	428
3.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC].....	430
3.2.15 Subcategory= Licensing [MessageID prefix =LIC].....	435
3.2.16 Subcategory= Log event [MessageID prefix =LOG].....	436
3.2.17 Subcategory= NIC Config [MessageID prefix =NIC].....	437
3.2.18 Subcategory= OS Deployment [MessageID prefix =OSD].....	439
3.2.19 Subcategory= PCI Device [MessageID prefix =PCI].....	441
3.2.20 Subcategory= Part Exchange [MessageID prefix =PR].....	441
3.2.21 Subcategory= Power Usage [MessageID prefix =PWR].....	444
3.2.22 Subcategory= RAC Event [MessageID prefix =RAC].....	444
3.2.23 Subcategory= FW Download [MessageID prefix =RED].....	467
3.2.24 Subcategory= Remote Service [MessageID prefix =RSI].....	469
3.2.25 Subcategory= Security Event [MessageID prefix =SEC].....	469
3.2.26 Subcategory= Storage [MessageID prefix =STOR].....	469
3.2.27 Subcategory= Software Config [MessageID prefix =SWC].....	476
3.2.28 Subcategory= System Info [MessageID prefix =SYS].....	490
3.2.29 Subcategory= Test Alert [MessageID prefix =TST].....	497
3.2.30 Subcategory= UEFI Event [MessageID prefix =UEFI].....	498
3.2.31 Subcategory= User Tracking [MessageID prefix =USR].....	501
3.2.32 Subcategory= vFlash Media [MessageID prefix =VF].....	502
3.2.33 Subcategory= vFlash Event [MessageID prefix =VFL].....	503
3.2.34 Subcategory= Virtual Console [MessageID prefix =VRM].....	504
3.3 Category: Storage.....	504
3.3.1 Subcategory= Battery Event [MessageID prefix =BAT].....	504
3.3.2 Subcategory= Cable [MessageID prefix =CBL].....	508

3.3.3 Subcategory= Storage Contr [MessageID prefix =CTL].....	509
3.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG].....	522
3.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC].....	525
3.3.6 Subcategory= Fan Event [MessageID prefix =FAN].....	529
3.3.7 Subcategory= Unknown [MessageID prefix =FLDC].....	529
3.3.8 Subcategory= Physical Disk [MessageID prefix =PDR].....	533
3.3.9 Subcategory= Power Supply [MessageID prefix =PSU].....	545
3.3.10 Subcategory= RAC Event [MessageID prefix =RAC].....	547
3.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD].....	547
3.3.12 Subcategory= Storage [MessageID prefix =STOR].....	548
3.3.13 Subcategory= Software Change [MessageID prefix =SWU].....	553
3.3.14 Subcategory= Temperature [MessageID prefix =TMP].....	553
3.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR].....	554
3.4 Category: System Health.....	563
3.4.1 Subcategory= Amperage [MessageID prefix =AMP].....	563
3.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR].....	566
3.4.3 Subcategory= Battery Event [MessageID prefix =BAT].....	567
3.4.4 Subcategory= Cable [MessageID prefix =CBL].....	569
3.4.5 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	570
3.4.6 Subcategory= Processor [MessageID prefix =CPU].....	572
3.4.7 Subcategory= Proc Absent [MessageID prefix =CPUA].....	575
3.4.8 Subcategory= Diagnostic [MessageID prefix =DIAG].....	575
3.4.9 Subcategory= Dell Key Mngr [MessageID prefix =DKM].....	583
3.4.10 Subcategory= Fan Event [MessageID prefix =FAN].....	583
3.4.11 Subcategory= Fiber Channel [MessageID prefix =FC].....	586
3.4.12 Subcategory= Hardware Config [MessageID prefix =HWC].....	586
3.4.13 Subcategory= IO Virtualization [MessageID prefix =IOV].....	596
3.4.14 Subcategory= Link Status [MessageID prefix =LNK].....	598
3.4.15 Subcategory= Log event [MessageID prefix =LOG].....	598
3.4.16 Subcategory= Memory [MessageID prefix =MEM].....	599
3.4.17 Subcategory= NIC Config [MessageID prefix =NIC].....	606
3.4.18 Subcategory= OS Event [MessageID prefix =OSE].....	607
3.4.19 Subcategory= PCI Device [MessageID prefix =PCI].....	607
3.4.20 Subcategory= Physical Disk [MessageID prefix =PDR].....	614
3.4.21 Subcategory= System Performance Event [MessageID prefix =PFM].....	618
3.4.22 Subcategory= BIOS POST [MessageID prefix =PST].....	619
3.4.23 Subcategory= Power Supply [MessageID prefix =PSU].....	619
3.4.24 Subcategory= PSU Absent [MessageID prefix =PSUA].....	626
3.4.25 Subcategory= Power Usage [MessageID prefix =PWR].....	626
3.4.26 Subcategory= RAC Event [MessageID prefix =RAC].....	631
3.4.27 Subcategory= Redundancy [MessageID prefix =RDU].....	631
3.4.28 Subcategory= IDSDM Media [MessageID prefix =RFL].....	632



3.4.29 Subcategory= IDSDM Absent [MessageID prefix =RFLA].....	633
3.4.30 Subcategory= FlexAddress SD [MessageID prefix =RFM].....	634
3.4.31 Subcategory= IDSDM Redundancy [MessageID prefix =RRDU].....	634
3.4.32 Subcategory= Security Event [MessageID prefix =SEC].....	635
3.4.33 Subcategory= Sys Event Log [MessageID prefix =SEL].....	636
3.4.34 Subcategory= Software Config [MessageID prefix =SWC].....	639
3.4.35 Subcategory= System Info [MessageID prefix =SYS].....	642
3.4.36 Subcategory= Temperature [MessageID prefix =TMP].....	646
3.4.37 Subcategory= Temperature Statistics [MessageID prefix =TMPS].....	652
3.4.38 Subcategory= UEFI Event [MessageID prefix =UEFI].....	652
3.4.39 Subcategory= vFlash Media [MessageID prefix =VF].....	658
3.4.40 Subcategory= vFlash Event [MessageID prefix =VFL].....	658
3.4.41 Subcategory= vFlash Absent [MessageID prefix =VFLA].....	661
3.4.42 Subcategory= Voltage [MessageID prefix =VLT].....	661
3.4.43 Subcategory= Virtual Console [MessageID prefix =VRM].....	668
3.5 Category: Updates.....	668
3.5.1 Subcategory= Job Control [MessageID prefix =JCP].....	669
3.5.2 Subcategory= Lifecycle Contr [MessageID prefix =LC].....	669
3.5.3 Subcategory= RAC Event [MessageID prefix =RAC].....	669
3.5.4 Subcategory= FW Download [MessageID prefix =RED].....	669
3.5.5 Subcategory= FW Update Job [MessageID prefix =SUP].....	676
3.5.6 Subcategory= Software Config [MessageID prefix =SWC].....	683
3.5.7 Subcategory= Software Change [MessageID prefix =SWU].....	683
3.5.8 Subcategory= UEFI Event [MessageID prefix =UEFI].....	688
3.6 Category: Work Notes.....	689
3.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI].....	689
3.6.2 Subcategory= User Tracking [MessageID prefix =USR].....	689

## **4.0 SysLog Event Notification Test Messages.....690**

4.1 Category: Audit.....	690
4.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS].....	690
4.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	690
4.1.3 Subcategory= Fan Event [MessageID prefix =FAN].....	694
4.1.4 Subcategory= Feature Card [MessageID prefix =FCD].....	694
4.1.5 Subcategory= Hardware Config [MessageID prefix =HWC].....	695
4.1.6 Subcategory= IO Virtualization [MessageID prefix =IOV].....	696
4.1.7 Subcategory= iDRAC Service Module [MessageID prefix =ISM].....	696
4.1.8 Subcategory= Job Control [MessageID prefix =JCP].....	698
4.1.9 Subcategory= Licensing [MessageID prefix =LIC].....	698
4.1.10 Subcategory= Log event [MessageID prefix =LOG].....	699
4.1.11 Subcategory= Memory [MessageID prefix =MEM].....	700
4.1.12 Subcategory= PCI Device [MessageID prefix =PCI].....	700

4.1.13 Subcategory= Power Usage [MessageID prefix =POW].....	701
4.1.14 Subcategory= Power Supply [MessageID prefix =PSU].....	701
4.1.15 Subcategory= Power Usage [MessageID prefix =PWR].....	703
4.1.16 Subcategory= RAC Event [MessageID prefix =RAC].....	714
4.1.17 Subcategory= Redundancy [MessageID prefix =RDU].....	715
4.1.18 Subcategory= Software Config [MessageID prefix =SWC].....	718
4.1.19 Subcategory= Software Change [MessageID prefix =SWU].....	724
4.1.20 Subcategory= System Info [MessageID prefix =SYS].....	725
4.1.21 Subcategory= Temperature [MessageID prefix =TMP].....	726
4.1.22 Subcategory= User Tracking [MessageID prefix =USR].....	726
4.2 Category: Configuration.....	731
4.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR].....	731
4.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS].....	731
4.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT].....	731
4.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	732
4.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH].....	733
4.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS].....	733
4.2.7 Subcategory= Fan Event [MessageID prefix =FAN].....	733
4.2.8 Subcategory= Fiber Channel [MessageID prefix =FC].....	734
4.2.9 Subcategory= Hardware Config [MessageID prefix =HWC].....	736
4.2.10 Subcategory= IO Identity Optimization [MessageID prefix =IIO].....	736
4.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV].....	739
4.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA].....	742
4.2.13 Subcategory= Job Control [MessageID prefix =JCP].....	742
4.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC].....	742
4.2.15 Subcategory= Log event [MessageID prefix =LOG].....	743
4.2.16 Subcategory= OS Deployment [MessageID prefix =OSD].....	744
4.2.17 Subcategory= PCI Device [MessageID prefix =PCI].....	744
4.2.18 Subcategory= Part Exchange [MessageID prefix =PR].....	745
4.2.19 Subcategory= Power Usage [MessageID prefix =PWR].....	745
4.2.20 Subcategory= RAC Event [MessageID prefix =RAC].....	745
4.2.21 Subcategory= FW Download [MessageID prefix =RED].....	764
4.2.22 Subcategory= Security Event [MessageID prefix =SEC].....	765
4.2.23 Subcategory= Storage [MessageID prefix =STOR].....	765
4.2.24 Subcategory= Software Config [MessageID prefix =SWC].....	769
4.2.25 Subcategory= System Info [MessageID prefix =SYS].....	771
4.2.26 Subcategory= UEFI Event [MessageID prefix =UEFI].....	776
4.3 Category: Storage.....	780
4.3.1 Subcategory= Battery Event [MessageID prefix =BAT].....	780
4.3.2 Subcategory= Cable [MessageID prefix =CBL].....	783
4.3.3 Subcategory= Storage Contr [MessageID prefix =CTL].....	783
4.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG].....	793

4.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC].....	795
4.3.6 Subcategory= Fan Event [MessageID prefix =FAN].....	797
4.3.7 Subcategory= Unknown [MessageID prefix =FLDC].....	798
4.3.8 Subcategory= Physical Disk [MessageID prefix =PDR].....	801
4.3.9 Subcategory= Power Supply [MessageID prefix =PSU].....	810
4.3.10 Subcategory= RAC Event [MessageID prefix =RAC].....	811
4.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD].....	811
4.3.12 Subcategory= Storage [MessageID prefix =STOR].....	812
4.3.13 Subcategory= Software Change [MessageID prefix =SWU].....	815
4.3.14 Subcategory= Temperature [MessageID prefix =TMP].....	815
4.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR].....	816
4.4 Category: System Health.....	822
4.4.1 Subcategory= Amperage [MessageID prefix =AMP].....	822
4.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR].....	825
4.4.3 Subcategory= Battery Event [MessageID prefix =BAT].....	826
4.4.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC].....	828
4.4.5 Subcategory= Processor [MessageID prefix =CPU].....	830
4.4.6 Subcategory= Proc Absent [MessageID prefix =CPUA].....	833
4.4.7 Subcategory= Diagnostic [MessageID prefix =DIAG].....	833
4.4.8 Subcategory= Fan Event [MessageID prefix =FAN].....	840
4.4.9 Subcategory= Fiber Channel [MessageID prefix =FC].....	843
4.4.10 Subcategory= Hardware Config [MessageID prefix =HWC].....	844
4.4.11 Subcategory= IO Virtualization [MessageID prefix =IOV].....	849
4.4.12 Subcategory= Link Status [MessageID prefix =LNK].....	851
4.4.13 Subcategory= Log event [MessageID prefix =LOG].....	851
4.4.14 Subcategory= Memory [MessageID prefix =MEM].....	852
4.4.15 Subcategory= NIC Config [MessageID prefix =NIC].....	859
4.4.16 Subcategory= OS Event [MessageID prefix =OSE].....	860
4.4.17 Subcategory= PCI Device [MessageID prefix =PCI].....	860
4.4.18 Subcategory= Physical Disk [MessageID prefix =PDR].....	866
4.4.19 Subcategory= System Performance Event [MessageID prefix =PFM].....	868
4.4.20 Subcategory= BIOS POST [MessageID prefix =PST].....	869
4.4.21 Subcategory= Power Supply [MessageID prefix =PSU].....	869
4.4.22 Subcategory= PSU Absent [MessageID prefix =PSUA].....	873
4.4.23 Subcategory= Power Usage [MessageID prefix =PWR].....	874
4.4.24 Subcategory= RAC Event [MessageID prefix =RAC].....	877
4.4.25 Subcategory= Redundancy [MessageID prefix =RDU].....	877
4.4.26 Subcategory= IDS DM Media [MessageID prefix =RFL].....	878
4.4.27 Subcategory= IDS DM Absent [MessageID prefix =RFLA].....	879
4.4.28 Subcategory= IDS DM Redundancy [MessageID prefix =RRDU].....	880
4.4.29 Subcategory= Security Event [MessageID prefix =SEC].....	880
4.4.30 Subcategory= Sys Event Log [MessageID prefix =SEL].....	881

4.4.31 Subcategory= Software Config [MessageID prefix =SWC].....	881
4.4.32 Subcategory= System Info [MessageID prefix =SYS].....	883
4.4.33 Subcategory= Temperature [MessageID prefix =TMP].....	887
4.4.34 Subcategory= Temperature Statistics [MessageID prefix =TMPS].....	893
4.4.35 Subcategory= UEFI Event [MessageID prefix =UEFI].....	893
4.4.36 Subcategory= vFlash Event [MessageID prefix =VFL].....	899
4.4.37 Subcategory= vFlash Absent [MessageID prefix =VFLA].....	900
4.4.38 Subcategory= Voltage [MessageID prefix =VLT].....	900
4.5 Updates category.....	906
4.5.1 Subcategory= Job Control [MessageID prefix =JCP].....	906
4.5.2 Subcategory= RAC Event [MessageID prefix =RAC].....	906
4.5.3 Subcategory= FW Download [MessageID prefix =RED].....	906
4.5.4 Subcategory= FW Update Job [MessageID prefix =SUP].....	912
4.5.5 Subcategory= Software Config [MessageID prefix =SWC].....	914
4.5.6 Subcategory= Software Change [MessageID prefix =SWU].....	914
4.5.7 Subcategory= UEFI Event [MessageID prefix =UEFI].....	919
4.6 Category: Work Notes.....	920
4.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI].....	920
4.6.2 Subcategory= User Tracking [MessageID prefix =USR].....	920

# 1.0 Introduction

The Test Event Generation Message Reference contains the notification message content generated by the Dell iDRAC8 with Lifecycle Controller using the Test Event Generation feature for the following event action notification types:

- Email
- SNMP
- Remote Syslog

The message content is error and event information generated by firmware and other agents that monitor system components. Not all event messages produced by the iDRAC8 instrumentation are available as notification event actions. This document is organized by event action notification type and each section contains the event messages that are possible to generate for that particular type.

The message content contained within this reference document is generated when utilizing the iDRAC8 Test Event Generation feature. The organization of this document is meant to be a quick reference of only those messages that support Remote Syslog logging, email alerting, and SNMP trap alerting. See the Dell Event Message Reference for a complete listing of all event messages:

<http://en.community.dell.com/techcenter/systems-management/w/wiki/1979.lifecycle-controller.aspx>

Some messages contain substitution arguments that are normally populated by instrumentation when an event actually occurs. The iDRAC8 Test Event Generation feature causes pre-defined values to be populated in the event notification that is generated as a result of using the feature. Examples of values used as substitution in the test messages include device names, device numbers, IP addresses, start and end times. The values used for the iDRAC8 Test Event Generation feature are explicitly listed with each message.

Example message subsection:

## 1.1 FSD000 : "Debug authorized by customer; debugcaps: <DebugCaps>, was authorized by: <iDRAC User>, at <unlock time> for the period: <start time> to <end time>."

When event is generated, message will have the following substitutions:

- < DebugCaps> = "DebugCaps"
- < iDRAC User> = "iDRAC User"
- < unlock time> = "unlock time"
- < start time> = "start time"
- < end time> = " end time"

Generally, each event consists of the following fields:

<b>Message ID</b>	The unique alphanumeric identifier for the event. This identifier can be up to 8 characters long and consists of two parts:  <div><b>Message ID Prefix</b> Up to four alphabetic characters. <b>Message ID Sequence</b> Up to four numeric digits.</div>
<b>Message</b>	The message text that is displayed to the user or logged as a result of the event. If the message has variable content in it, the variable substitution is reflected by text in <i>italics</i> . These substitution variables are described in the <b>Arguments</b> field of the event.
<b>Arguments</b>	Describes the values for any substitution variables appearing in the event message text.  If there is no variable content in the message, this field is omitted from the event description.
<b>Detailed Description</b>	Additional information describing the event.
<b>Recommended Response Action</b>	The recommended action to be taken to remedy the event described. The response action can vary based on the specific platform.
<b>Category</b>	Dell Lifecycle Controller log filter used to select a subset of messages from different domains or agents.
<b>Subcategory</b>	Additional filter to further subset the event.

<b>Trap/EventID</b>	The identification number used as the Trap ID for SNMP alert traps and as the Event ID when the message is logged in operating system logs.	
<b>Severity</b>	The classification of the event based on its impact to the platform or system. The severity can be:	
	<b>Severity 1 Critical</b>	Indicates a catastrophic production problem that might severely impact production systems or components, or systems are down or not functioning.
	<b>Severity 2 Warning</b>	Indicates a high-impact problem where a system or component is disrupted but can continue to remain productive and perform business-level operations.
	<b>Severity 3 Information</b>	Indicates a medium-to-low impact problem that involves a partial or non-critical loss of functionality; operations are impaired but can continue to function.
<b>LCD Message</b>	The event message text that is displayed on the system's LCD.	

## 2.0 Email Event Notification Test Messages

### 2.1 Category: Audit

#### 2.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS]

2.1.1.1 BIOS102 : "A system BIOS update is scheduled that requires a reboot."

2.1.1.2 BIOS103 : "A previously scheduled system BIOS update is canceled."

#### 2.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC]

2.1.2.1 CMC8506 : "A command to shut down the CMC was initiated."

2.1.2.2 CMC8507 : "Extended Storage for primary CMC and secondary CMC synchronization is complete."

2.1.2.3 CMC8508 : "Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available."

2.1.2.4 CMC8509 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will be deactivated."

When event is generated, message will have the following substitutions:

- <cmc number> = ""

2.1.2.5 CMC8510 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will return to single CMC mode."

When event is generated, message will have the following substitutions:

- <cmc number> = ""



**2.1.2.6 CMC8511 : "Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs."**

**2.1.2.7 CMC8512 : "The Extended Storage feature activation timed out. The feature is not active."**

**2.1.2.8 CMC8513 : "The Extended Storage feature activation on the secondary CMC timed out. The feature is being returned to single CMC mode."**

**2.1.2.9 CMC8529 : "Unable to perform the requested action on the server-<slot number>, because of insufficient privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.10 CMC8531 : "Unable to perform the requested action on the Sleeve or Sled <slot number> because of insufficient user privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.11 CMC8533 : "Unable to read the FRU information, status = <status value>"**

When event is generated, message will have the following substitutions:

- <status value> = ""

**2.1.2.12 CMC8535 : "Unable to turn on High Power Management for the server <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.13 CMC8538 : "Firmware version string is too long."**

**2.1.2.14 CMC8539 : "The CMC <slot id> is unable to log <event message> event to the Hardware Log."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**2.1.2.15 CMC8540 : "The CMC <slot id> is turned on."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**2.1.2.16 CMC8541 : "The watchdog has reset the CMC <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **2.1.2.17 CMC8542 : "The CMC <slot id> was restarted because of a manual reset."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **2.1.2.18 CMC8543 : "The CMC <slot id> has reset because the thermal threshold was exceeded."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **2.1.2.19 CMC8545 : "Detected a missing process failover condition detected. Process = <process name>."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **2.1.2.20 CMC8546 : "Issues identified with Process <process name>. Failover condition detected."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **2.1.2.21 CMC8547 : "Missing kernel module <module name>. Failover condition detected"**

When event is generated, message will have the following substitutions:

- <module name> = ""

#### **2.1.2.22 CMC8548 : "The active Chassis Management Controller external network link is no longer available."**

#### **2.1.2.23 CMC8550 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **2.1.2.24 CMC8551 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

**2.1.2.25 CMC8553 : "An internal error occurred and a failover condition is detected."**

**2.1.2.26 CMC8554 : "An internal network error occurred."**

**2.1.2.27 CMC8555 : "An internal memory error has occurred and a failover condition is detected."**

**2.1.2.28 CMC8557 : "The system health failover is requested. Code <number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**2.1.2.29 CMC8558 : "The system health is restored."**

**2.1.2.30 CMC8561 : "Unable to send the email to <destination> after trying <number> times."**

When event is generated, message will have the following substitutions:

- <destination> = ""

**2.1.2.31 CMC8562 : "The log is cleared."**

**2.1.2.32 CMC8563 : "The KVM is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.33 CMC8564 : "The KVM mapping feature is disabled."**

**2.1.2.34 CMC8565 : "KVM mapping is enabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.35 CMC8566 : "KVM mapping is disabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.36 CMC8567 : "The DVD drive is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.2.37 CMC8568 : "The DVD drive mapping feature is disabled."**

**2.1.2.38 CMC8569 : "The server slot <slot number> is enabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.2.39 CMC8570 : "The server slot <slot number> is disabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.2.40 CMC8571 : "The coin cell battery in the primary CMC is not working."**

#### **2.1.2.41 CMC8572 : "The coin cell battery in CMC <slot id> is not working."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **2.1.2.42 CMC8573 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **2.1.2.43 CMC8603 : "Unable to read the FRU information from the sled <sled slot number>, status <sled status>."**

When event is generated, message will have the following substitutions:

- <sled slot number> = ""

### **2.1.3 Subcategory= Dell Key Mngr [MessageID prefix =DKM]**

#### **2.1.3.1 DKM0001 : "<Security\_Key> key added for slot <Slot\_num> of user <Username>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"
- <Username> = "admin"

#### **2.1.3.2 DKM0002 : "<Security\_Key> key add failed for slot <Slot\_num> of user <Username>, due to <error\_msg>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"
- <Username> = "admin"
- <error\_msg> = "Invalid Key format."

#### **2.1.3.3 DKM0003 : "<Security\_Key> key deleted for slot <Slot\_num> of user <Username>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"

- <Username> = "admin"

#### **2.1.3.4 DKM0004 : "DKM Error Code <Error\_code\_name>: <Error\_code\_msg> error."**

When event is generated, message will have the following substitutions:

- <Error\_code\_name> = "07"
- <Error\_code\_msg> = "Invalid Key format"

### **2.1.4 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **2.1.4.1 FAN8500 : "Enhanced Cooling Mode is Enabled"**

#### **2.1.4.2 FAN8501 : "Enhanced Cooling Mode is Disabled"**

#### **2.1.4.3 FAN8502 : "The blower <name> is not detected, because it may not be operating optimally. Check for the availability of latest CMC firmware."**

When event is generated, message will have the following substitutions:

- <name> = ""

#### **2.1.4.4 FAN8503 : "Chassis was turned off because more than two internal fans stopped functioning properly."**

### **2.1.5 Subcategory= Feature Card [MessageID prefix =FCD]**

#### **2.1.5.1 FCD8500 : "Unable to apply the <configuration name> configuration. The affected servers (slot <slot number>) are not turned off."**

When event is generated, message will have the following substitutions:

- <configuration name> = ""

#### **2.1.5.2 FCD8501 : "The feature is deactivated: <feature name>."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **2.1.5.3 FCD8503 : "The feature is activated in the chassis: <feature name>"**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **2.1.5.4 FCD8504 : "The feature was previously activated on another chassis."**

#### **2.1.5.5 FCD8505 : "The features cannot be deactivated when the chassis is turned on."**

#### **2.1.5.6 FCD8531 : "Unable to activate the <feature name>. The chassis service tag is unavailable."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

## 2.1.6 Subcategory= Debug [MessageID prefix =FSD]

**2.1.6.1 FSD000 : "Debug authorized by customer; debugcaps: <DebugCaps>, was authorized by: <iDRAC User>, at <unlock time> for the period: <start time> to <end time>."**

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <iDRAC User> = "iDRAC User"
- <unlock time> = "unlock time"
- <start time> = "start time"
- <end time> = " end time"

**2.1.6.2 FSD001 : "Debug authorized by Dell; debugcaps: <DebugCaps>, at <grant time>, was authorized by Dell employee: <Dell employee>, for the time period <start time> to <end time>"**

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <grant time> = "grant time"
- <Dell employee> = "Dell employee"
- <start time> = "start time"
- <end time> = "end time"

**2.1.6.3 FSD002 : "Debug authorization failed; for debugCaps: <DebugCaps>, authorized by iDRAC user: <iDRAC user>, and Dell employee: <Dell employee>, at <unlock time> for the period: <start time> to <end time>."**

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <iDRAC user> = "iDRAC user"
- <Dell employee> = "Dell employee"
- <unlock time> = "unlock time"
- <start time> = "start time"
- <end time> = "end time"

## 2.1.7 Subcategory= Hardware Config [MessageID prefix =HWC]

**2.1.7.1 HWC8000 : "Unknown device plug event occurred at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**2.1.7.2 HWC8001 : "A device was added to the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**2.1.7.3 HWC8002 : "The device was removed from the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**2.1.7.4 HWC8003 : "A configuration error was detected in the device located here: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

## **2.1.8 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**2.1.8.1 IOV2009 : "The PCIe adapter in the PCIe slot <PCIe slot number> was removed from the slot while the server <server slot number> was turned-on."**

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

## **2.1.9 Subcategory= DRAC IP Address [MessageID prefix =IPA]**

**2.1.9.1 IPA0001 : "Invalid NIC IP address parameter specified."**

**2.1.9.2 IPA0002 : "Invalid IP address specified."**

**2.1.9.3 IPA0003 : "Invalid subnet mask specified."**

**2.1.9.4 IPA0004 : "Invalid gateway address specified."**

## **2.1.10 Subcategory= iDRAC Service Module [MessageID prefix =ISM]**

**2.1.10.1 ISM0000 : "The iDRAC Service Module is started on the operating system (OS) of server."**

**2.1.10.2 ISM0001 : "The iDRAC Service Module detected a OS to iDRAC Pass-through in the <mode> mode. Switch the OS to iDRAC Pass-through to a USB NIC mode."**

When event is generated, message will have the following substitutions:

- <mode> = "USB-NIC"

**2.1.10.3 ISM0002 :** "The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode."

**2.1.10.4 ISM0003 :** "The iDRAC Service Module is unable to discover iDRAC from the operating system of the server."

**2.1.10.5 ISM0004 :** "The iDRAC Service Module has successfully started communication with iDRAC."

**2.1.10.6 ISM0005 :** "The iDRAC Service Module has successfully restarted communication with iDRAC."

**2.1.10.7 ISM0006 :** "The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel."

**2.1.10.8 ISM0007 :** "The iDRAC Service Module communication with iDRAC has ended."

**2.1.10.9 ISM0008 :** "Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server."

**2.1.10.10 ISM0009 :** "The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server."

**2.1.10.11 ISM0010 :** "The iDRAC Service Module received a request from the <requesting source name> to stop the services of Service Module."

When event is generated, message will have the following substitutions:

- <requesting source name> = "iDRAC"

**2.1.10.12 ISM0011 :** "The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to "disabled" in iDRAC."

**2.1.10.13 ISM0012 :** "The iDRAC Service Module is successfully ended on the server operating system (OS)."

**2.1.10.14 ISM0013 :** "The feature <feature name> is enabled."

When event is generated, message will have the following substitutions:

- <feature name> = "Operating System Information"

**2.1.10.15 ISM0014 :** "The feature <feature name> is disabled."

When event is generated, message will have the following substitutions:

- <feature name> = "Lifecycle Log Replication"



**2.1.10.16 ISM0015 : "The iDRAC Service Module detected a change in the host name of the server operating system (OS)."**

**2.1.10.17 ISM0016 : "The BMC watchdog reset time is changed to <reset time> seconds."**

When event is generated, message will have the following substitutions:

- <reset time> = "5"

**2.1.10.18 ISM0017 : "The BMC watchdog auto-recovery action is changed from <original action> to <new action>."**

When event is generated, message will have the following substitutions:

- <original action> = "Reboot"
- <new action> = "Powercycle"

**2.1.10.19 ISM0018 : "The OS Collector application is successfully started on the server operating system (OS)."**

**2.1.10.20 ISM0019 : "The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files."**

**2.1.10.21 ISM0020 : "The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found."**

**2.1.10.22 ISM0021 : "The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found."**

**2.1.10.23 ISM0022 : "The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error."**

## **2.1.11 Subcategory= Job Control [MessageID prefix =JCP]**

**2.1.11.1 JCP029 : "A Job of JobType <parameter> already exists."**

When event is generated, message will have the following substitutions:

- <parameter> = "Shutdown"

**2.1.11.2 JCP8501 : "Job ID: <job ID>. CMC sent <number of settings> properties from <profile name> profile to the server (Service Tag: <service tag> ) in the slot <slot number>."**

When event is generated, message will have the following substitutions:

- <job ID> = ""

## **2.1.12 Subcategory= Licensing [MessageID prefix =LIC]**

**2.1.12.1 LIC000 :** "The License Manager action succeeded."

**2.1.12.2 LIC001 :** "The License Manager command parameter used is invalid."

**2.1.12.3 LIC002 :** "License Manager is unable to allocate the required resources at startup."

**2.1.12.4 LIC003 :** "License Manager was unable to create and/or allocate the required resources."

**2.1.12.5 LIC004 :** "An internal system error has occurred."

**2.1.12.6 LIC005 :** "Import failed: The maximum number of licenses are installed."

**2.1.12.7 LIC006 :** "The license has expired."

**2.1.12.8 LIC007 :** "Invalid entry: Object does not exist or cannot be found."

**2.1.12.9 LIC008 :** "The license binding ID does not match the device unique identifier."

**2.1.12.10 LIC009 :** "The license upgrade was unsuccessful."

**2.1.12.11 LIC010 :** "Import failed: This license is not for the specified device."

**2.1.12.12 LIC011 :** "A non-evaluation license cannot be replaced with an evaluation license."

**2.1.12.13 LIC012 :** "The license file does not exist."

**2.1.12.14 LIC013 :** "These license features are not supported by this firmware version."

**2.1.12.15 LIC014 :** "Multiple backup or restore operations have been simultaneously attempted on the License Manager database."

**2.1.12.16 LIC015 :** "The License Manager database restore operation failed."

**2.1.12.17 LIC016 :** "The feature dependencies of the license are not met."

**2.1.12.18 LIC017 :** "The license file is corrupted, has not been unzipped, or is not a valid license file."

**2.1.12.19 LIC018 :** "The license is already imported."

**2.1.12.20 LIC019 :** "A leased license may not be imported prior to its start date."

**2.1.12.21 LIC020 :** "Import failed: End User License Agreement (EULA) import upgrade warning."

**2.1.12.22 LIC021 :** "Import failed: The features contained in the evaluation license are already licensed."

**2.1.12.23 LIC022 :** "License Manager database locked due to ongoing backup and restore

**operation."**

**2.1.12.24 LIC201 : "License <entitlement ID> assigned to device <device name> expires in <number of days> days."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"
- <number of days> = "5"

**2.1.12.25 LIC202 : "A system error was detected during License Manager startup."**

**2.1.12.26 LIC203 : "The license <entitlement ID> has encountered an error."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**2.1.12.27 LIC204 : "The License Manager database restore operation failed."**

**2.1.12.28 LIC205 : "License Manager database lock timeout has been exceeded."**

**2.1.12.29 LIC206 : "EULA warning: Importing license <entitlement ID> may violate the End-User License Agreement."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**2.1.12.30 LIC207 : "License <entitlement ID> on device <device name> has expired."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**2.1.12.31 LIC208 : "License <entitlement ID> imported to device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**2.1.12.32 LIC209 : "License <entitlement ID> exported from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**2.1.12.33 LIC210 : "License <entitlement ID> deleted from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**2.1.12.34 LIC211 : "The iDRAC feature set has changed."**

**2.1.12.35 LIC212 : "The CMC features are changed."**

**2.1.12.36 LIC213 : "A system error was detected during License Manager startup."**

**2.1.12.37 LIC501 : "A required license is missing or expired."**

**2.1.12.38 LIC502 : "Features not available."**

**2.1.12.39 LIC503 : "Unable to complete the current operation. The currently installed license does not support the following features: <licensable features>."**

When event is generated, message will have the following substitutions:

- <licensable features> = "Virtual Media"

**2.1.13 Subcategory= Log event [MessageID prefix =LOG]**

**2.1.13.1 LOG006 : "Test event generated for message ID <message ID>."**

When event is generated, message will have the following substitutions:

- <message ID> = "LOG006"

**2.1.13.2 LOG007 : "The previous log entry was repeated <log entry count> times."**

When event is generated, message will have the following substitutions:

- <log entry count> = "0"

**2.1.13.3 LOG008 : "The complete Lifecycle Log export was successful."**

**2.1.13.4 LOG203 : "Lifecycle Log archived up to Log Sequence number <seq num>."**

When event is generated, message will have the following substitutions:

- <seq num> = "0"

**2.1.13.5 LOG320 : "Log monitoring is disabled. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

**2.1.13.6 LOG326 : "The Alert Log was cleared."**

**2.1.13.7 LOG327 : "An Alert Log backup was created."**

**2.1.13.8 LOG328 : "The Server Based Management Mode is enabled."**

**2.1.13.9 LOG329 : "The Server Based Management Mode is disabled."**

## **2.1.14 Subcategory= Memory [MessageID prefix =MEM]**

**2.1.14.1 MEM8500 : "Low memory condition detected."**

**2.1.14.2 MEM8501 : "Low memory warning, <total memory size>KB, <threshold value>KB."**

When event is generated, message will have the following substitutions:

- <total memory size> = ""

**2.1.14.3 MEM8502 : "ECC Memory error rate failover condition detected."**

## **2.1.15 Subcategory= PCI Device [MessageID prefix =PCI]**

**2.1.15.1 PCI5009 : "The PCIe adapter in the PCIe slot<PCIe slot number> was removed from the slot while the server<server slot number> was turned-on."**

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

## **2.1.16 Subcategory= Power Usage [MessageID prefix =POW]**

**2.1.16.1 POW000 : "Power on permission error, chassis infrastructure not ready."**

**2.1.16.2 POW001 : "Power on permission error, chassis cover open."**

**2.1.16.3 POW002 : "Power on permission error, unknown component installed in Fabric1/Fabric2."**

**2.1.16.4 POW003 : "Power on permission error, no PCI/Mezz card installed in Fabric1/Fabric2"**

**2.1.16.5 POW004 : "Power on permission error, unacknowledge use of 110V."**

**2.1.16.6 POW005 : "Power on permission error, CMC is in MPCM mode."**

## **2.1.17 Subcategory= Power Supply [MessageID prefix =PSU]**

**2.1.17.1 PSU8501 : "Unable to retrieve PSU <slot number> input voltage information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.2 PSU8502 : "The PSU in slot <slot number> detected 110 VAC input voltage and does not match chassis configuration."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.3 PSU8503 : "The PSU in slot <slot number> detected 220 VAC input voltage and does not match chassis configuration."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.4 PSU8504 : "The Allow 110 VAC Operation overload risk is not acknowledged."**

**2.1.17.5 PSU8505 : "Unable to set the chassis redundancy policy to AC Redundancy."**

**2.1.17.6 PSU8506 : "Unable to change power cap because Server Based Power Management Mode is enabled."**

**2.1.17.7 PSU8507 : "Insufficient power available because PSU in the slot <slot number> is not present.."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.8 PSU8508 : "<error string>, PSU<slot number> firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <error string> = ""

**2.1.17.9 PSU8510 : "PSU in slot <slot number> FW updated successfully to version <version number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.10 PSU8511 : "Successfully updated the firmware for the PSU in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.11 PSU8512 : "Unable to update the firmware for the PSU in slot <slot number>. Error=0x<error number> (<error string>)"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.12 PSU8513 : "Unable to complete the PSU slot <number> firmware update. Error=0x<error number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**2.1.17.13 PSU8515 : "Unable to set the Enable Dynamic Power Supply Engagement attribute."**

**2.1.17.14 PSU8516 : "Unable to set redundancy policy because PSU enumeration is in progress."**

**2.1.17.15 PSU8517 : "PSU redundancy policy changed."**

**2.1.17.16 PSU8518 : "Unable to access the PSU <slot number> FRU data."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.17.17 PSU8519 : "Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended."**

**2.1.17.18 PSU8520 : "Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported."**

**2.1.17.19 PSU8521 : "PSU <slotnum> exceeded upper temperature threshold and has been turned off."**

When event is generated, message will have the following substitutions:

- <slotnum> = ""

## **2.1.18 Subcategory= Power Usage [MessageID prefix =PWR]**

**2.1.18.1 PWR2250 :** "Unable to turn on the server because the chassis infrastructure not ready."

**2.1.18.2 PWR2251 :** "Unable to turn on the server because the chassis cover is open."

**2.1.18.3 PWR2252 :** "Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem."

**2.1.18.4 PWR2253 :** "Unable to turn on the server because a PCIe card or Mezzanine card is not installed."

**2.1.18.5 PWR2254 :** "The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server."

**2.1.18.6 PWR2255 :** "The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server."

**2.1.18.7 PWR2256 :** "Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components."

**2.1.18.8 PWR2257 :** "The target power allocation override is <override state>. The target power allocation (AC) is <target power> Watts."

When event is generated, message will have the following substitutions:

- <override state> = "Override"
- <target power> = "Target"

**2.1.18.9 PWR2258 :** "The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: <wake threshold> %, Sleep Threshold: <sleep threshold> %."

When event is generated, message will have the following substitutions:

- <wake threshold> = "Wake Threshold"
- <sleep threshold> = "Sleep Threshold"

**2.1.18.10 PWR2260 :** "The Intel Management Engine is unresponsive and the server thermal failsafe state is activated."

**2.1.18.11 PWR2261 :** "Current Monitor initialization issue observed, IMON Revision <current monitor revision number>, CPLD IMON MFR Revision <CPLD revision number>."

When event is generated, message will have the following substitutions:

- <current monitor revision number> = "EMXZ123"
- <CPLD revision number> = "3.2.0"



**2.1.18.12 PWR2262 : "The Intel Management Engine has reported an internal system error."**

**2.1.18.13 PWR2263 : "User ignored Power Supply Oversubscription Warning."**

**2.1.18.14 PWR2404 : "Power supply capacity alert disabled."**

**2.1.18.15 PWR8500 : "Chassis power state updated to <new power state> from <old power state>."**

When event is generated, message will have the following substitutions:

- <new power state> = ""

**2.1.18.16 PWR8501 : "Successfully set Virtual Infrastructure Device power to <power reading> WDC"**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**2.1.18.17 PWR8503 : "The current value of System Input Power Cap (<power value> AC) is less than the upper limit (<power value> AC)."**

When event is generated, message will have the following substitutions:

- <power value> = ""

**2.1.18.18 PWR8504 : "Chassis power button is pressed, but the button is disabled."**

**2.1.18.19 PWR8505 : "The Dynamic Power Supply Engagement feature was not successfully enabled."**

**2.1.18.20 PWR8506 : "Cumulative power computation (KWH) time is reset on <time>."**

When event is generated, message will have the following substitutions:

- <time> = ""

**2.1.18.21 PWR8507 : "System Input Power Cap changed from <previous power value>W AC to <new power value>W AC."**

When event is generated, message will have the following substitutions:

- <previous power value> = ""

**2.1.18.22 PWR8508 : "New power budget (<power value>W AC) may permit future degradation of redundancy."**

When event is generated, message will have the following substitutions:

- <power value> = ""

**2.1.18.23 PWR8509 : "Unable to change the server power priority because Server Based Power Management mode is enabled."**

**2.1.18.24 PWR8510 : "Unable to set chassis power property <property name>."**

When event is generated, message will have the following substitutions:

- <property name> = ""

2.1.18.25 PWR8511 : "Unable to set the CHASSIS\_POWER\_button\_disable chassis power property."

2.1.18.26 PWR8512 : "CMC rebooted, because the power configuration data could not be accessed."

2.1.18.27 PWR8514 : "Unable to perform chassis power action due to insufficient privileges."

2.1.18.28 PWR8515 : "Unable to perform the chassis power action because the chassis is not turned on."

2.1.18.29 PWR8516 : "Unable to perform the chassis power action requested.."

2.1.18.30 PWR8517 : "Unable to turn off chassis power."

2.1.18.31 PWR8518 : "Unable to perform the chassis power action because the chassis is already turned on."

2.1.18.32 PWR8519 : "Unable to perform the chassis power action because the chassis is already turned off."

2.1.18.33 PWR8520 : "Initiated the chassis reset operation."

2.1.18.34 PWR8521 : "Completed chassis reset operation."

2.1.18.35 PWR8522 : "Initiated chassis power cycle operation."

2.1.18.36 PWR8523 : "Completed chassis power cycle operation."

2.1.18.37 PWR8524 : "Redundancy was lost, while Server Performance Over Power Redundancy is enabled."

2.1.18.38 PWR8525 : "110VAC Operation acknowledged."

2.1.18.39 PWR8526 : "110VAC Operation unacknowledged."

2.1.18.40 PWR8527 : "Server slot power priorities changed - reallocating power."

2.1.18.41 PWR8528 : "Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled."

2.1.18.42 PWR8529 : "Max Power Conservation Mode is enabled."

2.1.18.43 PWR8530 : "Max Power Conservation Mode is disabled."

2.1.18.44 PWR8531 : "Server Based Power Management Mode is enabled."

2.1.18.45 PWR8532 : "Server Based Power Management Mode is disabled."

2.1.18.46 PWR8533 : "Power cap changed from <power value> W AC to <power value> W

## AC."

When event is generated, message will have the following substitutions:

- <power value> = ""

**2.1.18.47 PWR8534 : "Unable to set Server Based Power Management Mode to enable."**

**2.1.18.48 PWR8535 : "Unable to set Server Based Power Management Mode to disable."**

**2.1.18.49 PWR8536 : "Server Performance Over Power Redundancy is enabled."**

**2.1.18.50 PWR8537 : "Server Performance Over Power Redundancy is disabled."**

**2.1.18.51 PWR8538 : "Power Remote Logging is enabled."**

**2.1.18.52 PWR8539 : "Power Remote Logging is disabled."**

**2.1.18.53 PWR8540 : "Power Remote Logging Interval set to <interval>"**

When event is generated, message will have the following substitutions:

- <interval> = ""

**2.1.18.54 PWR8541 : "Chassis powerup operation initiated."**

**2.1.18.55 PWR8542 : "Chassis powerup operation completed."**

**2.1.18.56 PWR8543 : "Server <slot number> power inventory is not valid. Power inventory reading is Max Power=<max power reading> AC Watt, Min Power=<min power reading> AC Watt, Allocated Power=<allocated power reading> AC Watt"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.57 PWR8544 : "Chassis Management Controller turned off the Server <slot number> because of insufficient power at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.58 PWR8545 : "Chassis Management Controller turned off the server <slot number> because of incorrect power data retrieved from iDRAC at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.59 PWR8546 : "Chassis shutdown already in progress."**

**2.1.18.60 PWR8547 : "Chassis is already powered off."**

**2.1.18.61 PWR8548 : "Chassis shutdown operation initiated."**

**2.1.18.62 PWR8549 : "Chassis shutdown did not complete successfully."**

**2.1.18.63 PWR8550 : "Chassis shutdown completed."**

**2.1.18.64 PWR8551 : "Successfully set Virtual Infrastructure Device power to <power reading> DC Watt."**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**2.1.18.65 PWR8552 : "Chassis Management Controller is unable to turn on <component name>-<component id> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.66 PWR8554 : "Chassis Management Controller is unable to send power allocation information to <component name>-<component id> at priority <priority number>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.67 PWR8555 : "Chassis Management Controller unable to turn on <component name>-<slot number>at priority <priority number> because of insufficient power. Minimum power needed is <min power> AC Watt, but only <avaialble power> AC Watt is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.68 PWR8556 : "Server <slot number> was shutdown due to insufficient power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.69 PWR8559 : "Power cycle initiated for I/O Module <iIOM slot name>."**

When event is generated, message will have the following substitutions:

- <iIOM slot name> = ""

**2.1.18.70 PWR8560 : "Unable to turn on I/O Module <IOM slot name> due to insufficient chassis power."**

When event is generated, message will have the following substitutions:

- <IOM slot name> = ""

**2.1.18.71 PWR8561 : "Unable to power on server <server number> because of iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.72 PWR8562 : "Unable to power on the server <server number> before power on timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.73 PWR8563 : "Unable to turn on Server <server number> due to I/O fabric inconsistency."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.74 PWR8564 : "Unable to turn on the Server <slot number> because the power request exceeded the System Input Power Cap."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.75 PWR8565 : "Unable to turn off the Server <server number> due to iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.76 PWR8566 : "Unable to turn off the Server <server number> before the Power Off timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.77 PWR8567 : "Unable to turn off Server <server number> on a power cycle action."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.78 PWR8568 : "Server <slot number> did not gracefully shutdown before the timer expired."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.79 PWR8569 : "Unable to power cycle the server <slot number> because the server is off."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.80 PWR8570 : "Unable to communicate to the iDRAC, when trying to power cycle the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.81 PWR8571 : "Unable to perform the power action requested for the server <server id> because another power action is in progress."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**2.1.18.82 PWR8572 : "Unable to shutdown the server <server id> because the server is off."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**2.1.18.83 PWR8573 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**2.1.18.84 PWR8574 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.85 PWR8575 : "Initiated the Virtual Reseat of server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**2.1.18.86 PWR8576 : "Unable to turn on the Sleeve or Sled <slot number> after a virtual reseat operation."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.87 PWR8577 : "A virtual reseat operation is initiated on Sleeve or Sled <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.88 PWR8578 : "Chassis Management Controller is unable to turn on the iDRAC on server-<slot number> because power required is less than available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.89 PWR8579 : "Request to reset the CMC <slot id> is initiated."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**2.1.18.90 PWR8580 : "Chassis Management Controller is unable to turn on server-<slot number> because the Chassis is not turned on."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.91 PWR8581 : "Chassis Management Controller is unable to turn on server-<slot number> because another chassis power operation is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.92 PWR8582 : "Chassis Management Controller is unable to turn on server-<slot number> because Max Power Conservation Mode is enabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.93 PWR8583 : "Chassis Management Controller is unable to turn on server-<slot number> because unacknowledged 110V PSUs are present."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.94 PWR8584 : "Chassis Management Controller is unable to turn on server-<slot number> because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.95 PWR8585 : "Chassis Management Controller granted the power required to turn on server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""



**2.1.18.96 PWR8586 : "Chassis Management Controller is unable to turn on server-<slot number> because it is not supported in the VRTX chassis."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.97 PWR8587 : "Chassis Management Controller is unable to turn on server-<slot number> because the chassis enclosure is open."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.98 PWR8588 : "Chassis Management Controller is unable to turn on server-<slot number> because a chassis infrastructure firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.99 PWR8589 : "The server-<slot number> does not have PCIe Mezzanine card in slot B1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.100 PWR8590 : "The server-<slot number> does not have PCIe Mezzanine card in slot C1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.101 PWR8591 : "Servers are turned off to allocate power to the newly inserted hard disk drives."**

**2.1.18.102 PWR8592 : "Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress."**

**2.1.18.103 PWR8593 : "Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress."**

**2.1.18.104 PWR8594 : "Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested watts> AC Watt is more than available power <available watts> AC Watt."**

When event is generated, message will have the following substitutions:

- <requested watts> = ""

**2.1.18.105 PWR8595 : "Chassis Management Controller is unable to turn on server <slot id> due to insufficient power for the <chassis component name>."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**2.1.18.106 PWR8596 : "Chassis Management Controller is unable to turn on server-<slot number> because PSU redundancy is lost and the available power is insufficient."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.18.107 PWR8597 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not supported by the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**2.1.18.108 PWR8598 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not compatible with the other PSUs used in the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**2.1.18.109 PWR8654 : "Chassis Management Controller (CMC) is unable to send power allocation information to the component <component name>-<component id>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.110 PWR8655 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power. The minimum required power is <min power> AC Watts, but only <available power> AC Watts is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.111 PWR8656 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**2.1.18.112 PWR8663 : "Unable to turn on the server <server number> because of an inconsistency between the I/O module and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.113 PWR8666 : "iKVM power cycle initiated."**

**2.1.18.114 PWR8667 : "Resetting iKVM to default settings."**

**2.1.18.115 PWR8668 : "iKVM reset initiated."**

**2.1.18.116 PWR8669 : "Unable to turn on the server <server number> because of an inconsistency between the chassis components and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.18.117 PWR8670 : "Unable to turn on server<slot ID> because the required power <power level> AC Watts exceeds the subsystem Connector Limit <power limit> AC Watts for IO modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <slot ID> = ""

**2.1.18.118 PWR8671 : "The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested power level> AC Watts exceeds the subsystem power limit <power limit> AC Watts for IO Modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <requested power level> = ""

## **2.1.19 Subcategory= RAC Event [MessageID prefix =RAC]**

**2.1.19.1 RAC0100 :** "The Smart Card is removed. Further communication is not possible."

**2.1.19.2 RAC0101 :** "The inserted Smart Card is not valid or the Smart Card reader is not supported."

**2.1.19.3 RAC0102 :** "The Smart Card Logon plug-in is not installed. Install the plug-in from the iDRAC Web GUI to log in using Smart Card."

**2.1.19.4 RAC0103 :** "This browser does not support Smart Card logon on iDRAC. Use Internet Explorer version 7.0 or later to use this feature."

**2.1.19.5 RAC0104 :** "An incorrect PIN was entered."

**2.1.19.6 RAC0105 :** "The Smart Card reader cannot be detected. Check whether the reader is installed correctly."

**2.1.19.7 RAC0106 :** "The Smart Card cannot be detected. Insert the Smart Card correctly."

**2.1.19.8 RAC0107 :** "The inserted Smart Card cannot be recognized. Ensure that the correct Smart Card CSP drivers are installed."

**2.1.19.9 RAC0108 :** "An internal error is encountered. Insert a valid Smart Card and try again. (Does this and preceding messages show up in the SEL?)"

**2.1.19.10 RAC0113 :** "Remote Syslog Port value is invalid: Valid range is 1-65535 or 0x1-0xFFFF."

**2.1.19.11 RAC0115 :** "The Destination IP Address value is invalid."

**2.1.19.12 RAC0116 :** "Invalid Destination IPv6 Address."

**2.1.19.13 RAC0117 :** "SD card is unavailable."

**2.1.19.14 RAC0118 :** "Unsupported vFlash SD card detected."

**2.1.19.15 RAC0120 :** "The selected partition size exceeds the available space."

**2.1.19.16 RAC0121 :** "SD card is not initialized."

**2.1.19.17 RAC0124 :** "Invalid label: Label must be exclusively alphanumeric characters."

**2.1.19.18 RAC0126 :** "The label value is invalid. Expected range: 1-6 alphanumeric characters."

**2.1.19.19 RAC0127 :** "The specified size must be a non-fractional numeric value."

**2.1.19.20 RAC0128 :** "An error has occurred in vFlash."

**2.1.19.21 RAC0129 :** "An error has occurred while initializing the SD card."

**2.1.19.22 RAC0130 :** "An error has occurred while creating a partition."

**2.1.19.23 RAC0131 :** "An error has occurred while deleting a partition."

**2.1.19.24 RAC0132 :** "An error has occurred while formatting a partition."

**2.1.19.25 RAC0133 :** "An error has occurred while downloading a partition."

partition."

2.1.19.30 RAC0138 : "A valid certificate is not loaded."

2.1.19.31 RAC0140 : "Firmware update has failed."

2.1.19.32 RAC0141 : "Firmware update verification failed: The update status is unknown."

2.1.19.33 RAC0142 : "File is not valid for iDRAC firmware update."

2.1.19.34 RAC0146 : "Firmware rollback has failed."

2.1.19.35 RAC0147 : "Rollback firmware is not available."

2.1.19.36 RAC0148 : "Unable to retrieve the batteries information. The system is powered off."

2.1.19.37 RAC0149 : "Unable to retrieve the fan information. The system is powered off."

2.1.19.38 RAC0150 : "Unable to retrieve the intrusion sensor information. The system is powered off."

2.1.19.39 RAC0151 : "Unable to retrieve the removable flash media information. The system is powered off."

2.1.19.40 RAC0152 : "Unable to retrieve the power supply information. The system is powered off."

2.1.19.41 RAC0153 : "Non-redundant power mode: Check the system hardware manual for implications."

2.1.19.42 RAC0154 : "Non-redundant power mode: Secondary power supply has degraded."

2.1.19.43 RAC0155 : "Unable to retrieve the temperature information. The system is powered off."

2.1.19.44 RAC0156 : "Unable to retrieve the voltage information. The system is powered off."

2.1.19.45 RAC0158 : "Uploading kerberos keytab has failed."

2.1.19.46 RAC0159 : "Certificate upload failed: No pending CSR or private key."

2.1.19.47 RAC0160 : "Certificate upload failed: Cannot validate the certificate."

2.1.19.48 RAC0169 : "Certificate upload failed: Certificate is not valid."

2.1.19.49 RAC0171 : "Certificate upload failed: Certificate has expired."

2.1.19.50 RAC0180 : "Certificate upload failed: Unable to get local issuer certificate from the Certification Authority (CA) for confirming the CA is legitimate."

2.1.19.51 RAC0206 : "Certificate upload failed: Not a certificate file."

2.1.19.52 RAC0207 : "Certificate upload failed."

2.1.19.53 RAC0208 : "Upload failed: May be due to invalid key data."

2.1.19.54 RAC0209 : "Certificate upload failed: iDRAC unable to upload at this time."

characters."

**2.1.19.65 RAC0222 : "The Destination E-mail Address is invalid."**

**2.1.19.66 RAC0223 : "Enter an alphanumeric value or a valid symbol for the following (see the online help for more information):"**

**2.1.19.67 RAC0224 : "Invalid e-mail description."**

**2.1.19.68 RAC0225 : "Sending the test mail failed."**

**2.1.19.69 RAC0226 : "Send Failed: Request processing failed."**

**2.1.19.70 RAC0227 : "SD card is not detected: Insert an SD Card of size greater than 256MB."**

**2.1.19.71 RAC0228 : "SD Card is detected with an unrecognized format. Click Initialize to initialize the card."**

**2.1.19.72 RAC0230 : "This operation erases all data in the SD Card. Do you want to continue?"**

**2.1.19.73 RAC0231 : "This operation erases all data in the partition. Do you want to continue?"**

**2.1.19.74 RAC0235 : "vFlash image upload timed out."**

**2.1.19.75 RAC0236 : "Invalid image: Upload failed"**

**2.1.19.76 RAC0237 : "An error occurred while uploading the vFlash image."**

**2.1.19.77 RAC0238 : "vFlash is currently in-use by another process. Try again later."**

**2.1.19.78 RAC0239 : "SD Card is write-protected."**

**2.1.19.79 RAC0240 : "vFlash is disabled."**

**2.1.19.80 RAC0241 : "The specified size exceeds the maximum size of <size> MB."**

When event is generated, message will have the following substitutions:

- <size> = "4096"

2.1.19.81 RAC0242 : "The selected partition does not exist."

2.1.19.82 RAC0243 : "Partition failed: A partitioning conflict has occurred with another session."

2.1.19.83 RAC0244 : "The partition label must be unique."

2.1.19.84 RAC0245 : "The partition is in-use by another process."

2.1.19.85 RAC0246 : "Partition is read-only."

2.1.19.86 RAC0247 : "The partition is currently attached."

2.1.19.87 RAC0248 : "This operation deletes the partition permanently. Do you want to continue?"

2.1.19.88 RAC0249 : "One or more partitions are in-use by another process."

2.1.19.89 RAC0250 : "One or more partitions are read-only."

2.1.19.90 RAC0251 : "One or more partitions are currently attached."

2.1.19.91 RAC0252 : "One or more partitions are currently detached."

2.1.19.92 RAC0253 : "The IP Address is invalid. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

2.1.19.93 RAC0254 : "The Gateway Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

2.1.19.94 RAC0255 : "The Subnet Mask is invalid. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254)."

2.1.19.95 RAC0256 : "The Preferred DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

2.1.19.96 RAC0257 : "The Alternate DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

2.1.19.97 RAC0259 : "Invalid IPv6 address."

2.1.19.98 RAC0260 : "Invalid IPv6 prefix length. Expected range: 0-128."

2.1.19.99 RAC0261 : "Invalid IPv6 gateway address."

2.1.19.100 RAC0262 : "The Preferred IPv6 DNS Server Address is invalid."

2.1.19.101 RAC0263 : "The Alternate IPv6 DNS Server Address is invalid."

2.1.19.102 RAC0265 : "Specify the VLAN ID and VLAN Priority."

2.1.19.103 RAC0266 : "Invalid VLAN ID. Expected range: 1-4094."

2.1.19.104 RAC0267 : "Invalid VLAN Priority. Expected range: 0-7."

2.1.19.105 RAC0268 : "NIC is disabled."

2.1.19.106 RAC0269 : "The NIC MTU is invalid. Expected range: 576-1500 or 0x240-0x5DC."

remotely through Web GUI, Remote Racadm, Ssh, and Telnet. Local Racadm and serial interface will continue to work."

2.1.19.110 RAC0273 : "iDRAC access will be limited to running the Racadm utility on the local server or using the serial interface."

2.1.19.111 RAC0274 : "See the iDRAC user documentation for more information on using the Racadm utility or the serial interface."

2.1.19.112 RAC0275 : "Click OK to disable the NIC. Click Cancel to keep the setting unchanged."

2.1.19.113 RAC0276 : "To save the changes and update this page, click Apply."

2.1.19.114 RAC0277 : "Disabling IPv4 prevents access to iDRAC using an IPv4 address."

2.1.19.115 RAC0278 : "Disabling IPv6 prevents access to iDRAC using an IPv6 address."

2.1.19.116 RAC0279 : "Invalid Encryption Key. Expected format: 0 to 40 characters, even number of characters and no blank spaces are allowed."

2.1.19.117 RAC0280 : "The IP Range Address is invalid. Expected range: 0.0.0.0 - 255.255.255.255."

2.1.19.118 RAC0281 : "The IP Subnet Mask is invalid. Expected range: 0.0.0.0 - 255.255.255.255."

2.1.19.119 RAC0282 : "IP Blocking Fail Count is invalid. Expected range: 2-16."

2.1.19.120 RAC0283 : "IP Blocking Fail Window is invalid. Expected range: 10-65535."

2.1.19.121 RAC0284 : "IP Blocking Fail Penalty Time is invalid. Expected range: 10-65535."

2.1.19.122 RAC0285 : "User name cannot be empty."

2.1.19.123 RAC0286 : "New Password and Confirm New Password fields cannot be empty."

2.1.19.124 RAC0288 : "Invalid entry: Entry must be exclusively alphanumeric characters and valid symbols."

2.1.19.125 RAC0289 : "Values in New Password and Confirm New Password fields do not match."

2.1.19.126 RAC0290 : "The user name cannot have spaces."

2.1.19.127 RAC0291 : "The user name cannot contain: /, \, @, ., or " (quotation mark)."

2.1.19.128 RAC0292 : "A valid certificate is not loaded."

2.1.19.129 RAC0293 : "When certificate validation is enabled, a valid root Certificate



**Authority (CA) certificate must be uploaded. The CA certificate is used to verify the directory server SSL certificate."**

**2.1.19.130 RAC0294 : "The Character Accumulate Interval value is invalid. Expected range: 1-255."**

**2.1.19.131 RAC0295 : "The Character Send Threshold value is invalid. Expected range: 1-255."**

**2.1.19.132 RAC0297 : "Specify a Domain Controller Address must be configured."**

**2.1.19.133 RAC0298 : "Root Domain Name must be configured."**

**2.1.19.134 RAC0301 : "Remote File Share connection is unavailable. Check the settings and try again."**

**2.1.19.135 RAC0302 : "iDRAC Express does not support this feature."**

**2.1.19.136 RAC0303 : "Virtual Console is disabled or you do not have the Access Virtual Console privilege."**

**2.1.19.137 RAC0304 : "Firmware update is terminated."**

**2.1.19.138 RAC0400 : "iDRAC memory low."**

**2.1.19.139 RAC0401 : "idracmonitor: <error string>"**

When event is generated, message will have the following substitutions:

- <error string> = "Error String"

**2.1.19.140 RAC0611 : "IP Address cannot be blank."**

**2.1.19.141 RAC0657 : "The file name field must not be blank."**

**2.1.19.142 RAC0660 : "Unable to access the specified file server location."**

**2.1.19.143 RAC0700 : "Email page successful to <email address>."**

When event is generated, message will have the following substitutions:

- <email address> = "yourname@company.com"

**2.1.19.144 RAC0701 : "Requested system powerup."**

**2.1.19.145 RAC0702 : "Requested system powercycle."**

**2.1.19.146 RAC0703 : "Requested system hardreset."**

**2.1.19.147 RAC0704 : "Requested system powerdown."**

**2.1.19.148 RAC0705 : "Requested system graceful shutdown."**

**2.1.19.149 RAC0706 : "Requested system NMI."**

**2.1.19.150 RAC0708 : "Previous reboot was due to a firmware watchdog timeout."**

**2.1.19.151 RAC0709 : "Unknown server inserted into chassis."**

**2.1.19.152 RAC0710 : "Server link tuning error."**

**2.1.19.153 RAC0711 : "Unknown power on response from the CMC."**

**2.1.19.154 RAC0712 : "Server failed to power up due to zero power allocated."**

**2.1.19.155 RAC0713 : "Server failed to power up due to fabric mismatch."**

**2.1.19.156 RAC0714 : "Server failed to power up due to noncontinuous power action."**

**2.1.19.157 RAC0715 : "Image file does not exist in the given remote share path."**

**2.1.19.158 RAC0716 : "Unable to unmount remote share."**

**2.1.19.159 RAC0717 : "Remote share unmounted successfully."**

**2.1.19.160 RAC0718 : "Remote File Share service is busy with the previous connection."**

**2.1.19.161 RAC0719 : "Not able to connect to remote file share. Virtual media devices are already in use."**

**2.1.19.162 RAC0720 : "Unable to mount remote share <sharename>."**

When event is generated, message will have the following substitutions:

- <sharename> = "192.168.1.1:/nfs\_share/boot1.iso"

**2.1.19.163 RAC0721 : "Remote share mounted successfully <sharename>."**

When event is generated, message will have the following substitutions:

- <sharename> = "192.168.1.1:/nfs\_share/boot1.iso"

**2.1.19.164 RAC0722 : "Failed to program the Chassis assigned MAC address for the NIC.Integrated.<NDC slot number >."**

When event is generated, message will have the following substitutions:

- <NDC slot number > = "1"

**2.1.19.165 RAC0723 : "The firmware version <version number> of the Chassis Management Controller is earlier than the required version <version number>."**

When event is generated, message will have the following substitutions:

- <version number> = "3.0"
- <version number> = "4.0"

**2.1.19.166 RAC0726 : "Auto-throttling is disabled for the server."**

**2.1.19.167 RAC0727 : "Auto-throttling is enabled for the server."**

**2.1.19.168 RAC0801 : "iDRAC is being reset."**

**2.1.19.169 RAC802 : "iDRAC time is set using Network Time Protocol."**

**2.1.20 Subcategory= Redundancy [MessageID prefix =RDU]**

**2.1.20.1 RDU8500 : "CMC<slot number>: active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.2 RDU8501 : "CMC<slot number>: waiting to be reset by other CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.3 RDU8502 : "CMC<slot number> cannot go standby since the other CMC is not present or healthy."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.4 RDU8506 : "CMC<slot number>: enable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.5 RDU8507 : "CMC<slot number>: disable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.6 RDU8508 : "CMC<slot number>: cannot failover since the other CMC is non-functional."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.7 RDU8509 : "CMC<slot number>: cannot failover, chassis is in non-redundant state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.8 RDU8510 : "CMC<slot number>: cannot failover, CMC firmware versions are different"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.9 RDU8511 : "Unable to failover, CMC<slot number> in unknown state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.10 RDU8512 : "CMC<slot number>: firmware versions are different [<local fw version> <factory revision> : <remote version> <factory revision>]"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.11 RDU8513 : "CMC<slot number>: firmware versions are same <fw version> <factory revision>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.12 RDU8514 : "CMC<slot number>: cannot failover, firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.13 RDU8515 : "CMC<slot number>: failover was initiated by internal health monitoring process."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.20.14 RDU8516 : "CMC<slot number>: failover initiated by RACADM interface."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.15 RDU8517 : "CMC<slot number>: no action allowed while firmware update is in progress"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.16 RDU8518 : "CMC<slot number>: active CMC<slot number> requests Standby CMC to go active state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.17 RDU8519 : "Unable to communicate with peer CMC <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.18 RDU8520 : "CMC<slot number>: recovered from unhealthy state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.19 RDU8521 : "CMC<slot number>: active CMC has been removed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.20 RDU8522 : "CMC<slot number>: standby CMC<slot number> became active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.21 RDU8523 : "CMC<slot number>: reset by peer CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.20.22 RDU8524 : "CMC<slot number>: failover is not allowed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

## **2.1.21 Subcategory= Software Config [MessageID prefix =SWC]**

**2.1.21.1 SWC1916 : "Network Time Protocol server configuration has changed."**

**2.1.21.2 SWC1920 : "The Chassis Management at Server Mode is enabled."**

**2.1.21.3 SWC1921 : "The Chassis Management at Server Mode is disabled."**

**2.1.21.4 SWC1923 : "Unable to modify the server configuration by using Quick Sync because invalid credentials are entered."**

**2.1.21.5 SWC1924 : "Unable to modify the server configuration by using Quick Sync."**

**2.1.21.6 SWC8500 : "Unable to generate Profile with [ <number of entries> ] settings."**

When event is generated, message will have the following substitutions:

- <number of entries> = ""

**2.1.21.7 SWC8501 : "Unable to generate Profile."**

**2.1.21.8 SWC8502 : "A Profile is successfully generated with [ <schema count> ] settings."**

When event is generated, message will have the following substitutions:

- <schema count> = ""

**2.1.21.9 SWC8503 : "<profile name> Profile is renamed to <new profile name>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.10 SWC8504 : "<profile name> Profile renamed to <new profile name> and description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.11 SWC8505 : "<profile name> Profile description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.12 SWC8506 : "<profile name> Profile deleted."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.13 SWC8507 : "<profile name> Profile created."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **2.1.21.14 SWC8508 : "Unable to capture Profile from server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.1.21.15 SWC8509 : "Unable to apply <profile name> Profile to server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **2.1.21.16 SWC8510 : "Unable to apply <profile name> Profile to requested Server(s)"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **2.1.21.17 SWC8511 : "User <user name> was successfully added"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.18 SWC8512 : "Unable to add User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.19 SWC8513 : "Successfully deleted User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.20 SWC8514 : "Unable to delete User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.21 SWC8515 : "Successfully modified privileges of User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.22 SWC8516 : "Unable to modify privileges of User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **2.1.21.23 SWC8517 : "Successfully modified password of User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

**2.1.21.24 SWC8518 : "Unable to modify password of User <user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

**2.1.21.25 SWC8519 : "Successfully modified user name from <original user name> to <new user name>."**

When event is generated, message will have the following substitutions:

- <original user name> = ""

**2.1.21.26 SWC8520 : "Unable to modify user name from <original user name> to <new\_user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <original user name> = ""

**2.1.21.27 SWC8521 : "Unable to modify timeout for session: <SER/TEL/SSH/GUI/RAC/KVM/ERR>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <SER/TEL/SSH/GUI/RAC/KVM/ERR> = ""

**2.1.21.28 SWC8522 : "Chassis Group Leader update of member <member id> configuration successful."**

When event is generated, message will have the following substitutions:

- <member id> = ""

**2.1.21.29 SWC8523 : "Unable to complete Chassis Group Leader update of member <DNS or IP address>."**

When event is generated, message will have the following substitutions:

- <DNS or IP address> = ""

**2.1.21.30 SWC8524 : "Unable to add <target> to Chassis Group because a member already exists with the same addressing information."**

When event is generated, message will have the following substitutions:

- <target> = ""

**2.1.21.31 SWC8525 : "Unable to add member to Chassis Group. Maximum members supported is <maximum number of members>."**

When event is generated, message will have the following substitutions:

- <maximum number of members> = ""



**2.1.21.32 SWC8526 : "Unable to delete Chassis Group member <member id> (<DNS or IP address of member>)"**

When event is generated, message will have the following substitutions:

- <member id> = ""

**2.1.21.33 SWC8527 : "Chassis Management Controller is unable to update the iDRAC user name to "root"."**

**2.1.21.34 SWC8528 : "Chassis Management Controller is unable to update the iDRAC root password."**

**2.1.21.35 SWC8529 : "Chassis Management Controller unable to enable the iDRAC root user."**

**2.1.21.36 SWC8530 : "Chassis Management Controller unable to set administrator access to the iDRAC root user."**

**2.1.21.37 SWC8531 : "Chassis Management Controller unable to set iDRAC administrator role for root user account."**

**2.1.21.38 SWC8532 : "Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs."**

**2.1.21.39 SWC8533 : "Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file."**

**2.1.21.40 SWC8534 : "All keys deleted for all slots of service account."**

**2.1.21.41 SWC8535 : "Unable to add key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.42 SWC8536 : "Unable to add key for slot <slot number> of service account, due to corrupt key."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.43 SWC8537 : "Unable to add key for slot <slot number> of service account, due to the key being too long."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.44 SWC8538 : "Unable to delete key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.45 SWC8539 : "The key delete operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.46 SWC8540 : "The add key operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.47 SWC8541 : "<profile name> Profile imported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.48 SWC8542 : "<profile name> Profile exported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.49 SWC8600 : "The selected profile was not applied to <server list>."**

When event is generated, message will have the following substitutions:

- <server list> = ""

**2.1.21.50 SWC8601 : "Quick Deploy Profile unable to apply profile <profile name> to server <server number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.51 SWC8602 : "Quick Deploy Profile for server <server number> was not successful."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.21.52 SWC8603 : "Unable to apply profile to server <slot number> using Quick Deploy feature, because the CSIOR feature on Server <slot number> is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.53 SWC8604 : "Quick Deploy Profile: Server <server number> does not support configuration using profiles."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.21.54 SWC8605 : "Quick Deploy Profile: Server <server number> generation information is not recognized."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.21.55 SWC8606 : "Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server <server number>."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**2.1.21.56 SWC8607 : "Quick Deploy Profile: Starting to apply profile <profile name> to server <server number>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.57 SWC8608 : "Server Profiles: unable to access server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.58 SWC8609 : "Server Profiles: unknown response received from server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.59 SWC8610 : "Job ID: <job ID>. CMC sent all settings of profile <profile\_name> to Server (Service Tag: <service tag>) in Slot <slot number>."**

When event is generated, message will have the following substitutions:

- <job ID> = ""

**2.1.21.60 SWC8611 : "Profile "<profile name>" and Server (Service Tag: <service tag>) in Slot <slot number>) are not compatible."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.61 SWC8612 : "Unable to fully extract boot device information from profile: <profile name>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**2.1.21.62 SWC8613 : "Unable to fully extract <boot list name> boot list settings from the profile."**

When event is generated, message will have the following substitutions:

- <boot list name> = ""

**2.1.21.63 SWC8614 : "Legacy profile setting: <attribute name> is not recognized."**

When event is generated, message will have the following substitutions:

- <attribute name> = ""

**2.1.21.64 SWC8615 : "Profile is successfully generated."**

**2.1.21.65 SWC8616 : "Server in slot <slot number> is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.1.21.66 SWC8617 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

**2.1.21.67 SWC8618 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Message ID <message\_id>. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

**2.1.21.68 SWC8622 : "Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot <slot\_number>."**

When event is generated, message will have the following substitutions:

- <slot\_number> = ""

**2.1.22 Subcategory= Software Change [MessageID prefix =SWU]**

**2.1.22.1 SWU8556 : "Unable to configure the sled network uplink on sled <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

2.1.22.2 SWU8557 : "Invalid firmware: The uploaded firmware image does not contain a verification signature."

2.1.22.3 SWU8558 : "Invalid firmware: The uploaded firmware image validation was unsuccessful."

2.1.22.4 SWU8559 : "The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported."

2.1.22.5 SWU8560 : "The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error."

### **2.1.23 Subcategory= System Info [MessageID prefix =SYS]**

2.1.23.1 SYS101 : "Server Administrator Data Manager service has started."

2.1.23.2 SYS102 : "Server Administrator Data Manager service has stopped."

2.1.23.3 SYS103 : "Administrator has started."

2.1.23.4 SYS104 : "Server Administrator is starting."

2.1.23.5 SYS106 : "An unknown system control action was initiated by the user."

2.1.23.6 SYS107 : "A system reboot was initiated by the user."

2.1.23.7 SYS108 : "A system power off was initiated by the user."

2.1.23.8 SYS109 : "A system power cycle was initiated by the user."

2.1.23.9 SYS110 : "The actions Shutdown OS First and Reboot System were initiated by the user."

2.1.23.10 SYS111 : "The actions Shutdown OS First and Power Off System were initiated by the user."

2.1.23.11 SYS112 : "The actions Shutdown OS First and Power Cycle System were initiated by the user."

2.1.23.12 SYS113 : "An invalid action was requested by the user."

2.1.23.13 SYS1000 : "System is turning on."

2.1.23.14 SYS1001 : "System is turning off."

2.1.23.15 SYS1002 : "System is performing a power cycle."

2.1.23.16 SYS1003 : "System CPU Resetting."

2.1.23.17 SYS8500 : "Delay Auto-throttle sent to <number of servers> server(s). <error string>

## **<errors>"**

When event is generated, message will have the following substitutions:

- <number of servers> = ""

### **2.1.24 Subcategory= Temperature [MessageID prefix =TMP]**

#### **2.1.24.1 TMP8500 : "I/O Module <iom slot name> temperature exceeded operating range."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

#### **2.1.24.2 TMP8501 : "Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system."**

#### **2.1.24.3 TMP8502 : "Able to read planar board temperature sensors. Cooling set for normal chassis operation."**

### **2.1.25 Subcategory= User Tracking [MessageID prefix =USR]**

#### **2.1.25.1 USR0002 : "<username> login from <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

#### **2.1.25.2 USR0005 : "Login failed from <username>: <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

#### **2.1.25.3 USR0007 : "<username> closing session from <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

**2.1.25.4 USR0008 : "The Default Login Warning feature is disabled."**

**2.1.25.5 USR0013 : "Insufficient user privileges to perform operation."**

**2.1.25.6 USR0014 : "The current user session is invalid."**

**2.1.25.7 USR0015 : "The specified user does not exist."**

**2.1.25.8 USR0016 : "Unable to get session info from the RAC."**

**2.1.25.9 USR0017 : "No active sessions currently exist for the specified user."**

**2.1.25.10 USR0018 : "No active sessions currently exist."**

**2.1.25.11 USR0019 : "Specified user name is too long."**

**2.1.25.12 USR0020 : "Invalid Session ID."**

**2.1.25.13 USR0021 : "Unable to close session with the specified ID"**

**2.1.25.14 USR0022 : "The specified user already exists. Duplicate user names are not allowed."**

**2.1.25.15 USR0023 : "The current user privilege is not valid."**

**2.1.25.16 USR0030 : "Successfully logged in using <username>, from <IP address> and <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

**2.1.25.17 USR0031 : "Unable to log in for <username> from <IP address> using <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

**2.1.25.18 USR0032 : "The session for <username> from <IP address> using <interface name> is logged off."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"



- <interface name> = "GUI"

#### **2.1.25.19 USR0033 : "Login for <username> from <IP address> using <interface name> was incomplete."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **2.1.25.20 USR0034 : "Login attempt alert for <username> from <IP Address> using <interface name>, IP will be blocked for <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <username> = "User"
- <IP Address> = "IPAddress"
- <interface name> = "Interface"
- <seconds> = "Seconds"

#### **2.1.25.21 USR106 : "<username> unauthorized for <operation> on <classname>.<methodname>"**

When event is generated, message will have the following substitutions:

- <username> = "username"
- <operation> = "operation"
- <classname> = "classname"
- <methodname> = "methodname"

#### **2.1.25.22 USR107 : "The operation <Set/Invoke> of the <methodname name or instance> was performed by <username>"**

When event is generated, message will have the following substitutions:

- <Set/Invoke> = "SET"
- <methodname name or instance> = "DCIM\_SystemManagementService"
- <username> = "root"

#### **2.1.25.23 USR0150 : "Opening a remote VNC session from IP address <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **2.1.25.24 USR0151 : "The remote VNC session from the IP address <IP address> is logging off."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**2.1.25.25 USR0152 : "Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**2.1.25.26 USR0153 : "Logging off the remote VNC session from the IP address <IP address>, because the session timed out."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**2.1.25.27 USR0170 : "The Front Panel USB port is attached to iDRAC Disk.USBFront.<port number>. Device details: Device class <class>, Vendor ID <vendor ID>, Manufacturer Name <manufacture name>, Product ID <product ID>, Product Name <product name>, Serial Number <serial>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"
- <vendor ID> = "Vendor"
- <manufacture name> = "Man"
- <product ID> = "Prod"
- <product name> = "Name"
- <serial> = "Serial"

**2.1.25.28 USR0171 : "The Front Panel USB port is detached from the iDRAC Disk.USBFront.<port number>. Device Details: Device Class <class>, Vendor ID <vendor ID>, Product ID <product ID>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"
- <vendor ID> = "Vendor"
- <product ID> = "Product"

**2.1.25.29 USR0172 : "The Front Panel USB Management Port Mode setting is changed from <previous mode> to <new mode>."**

When event is generated, message will have the following substitutions:

- <previous mode> = "OldMode"
- <new mode> = "NewMode"

**2.1.25.30 USR0173 : "The Front Panel USB port switched automatically from iDRAC to operating system."**

**2.1.25.31 USR0174 : "The Front Panel USB device is removed from the operating system."**

**2.1.25.32 USR0175 : "The Front Panel USB Port Over Current is detected for the attached device on Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"

**2.1.25.33 USR0176 : "The Front Panel USB Port Over Current condition is cleared for the attached device Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"

**2.1.25.34 USR0177 : "Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode."**

**2.1.25.35 USR0180 : "The Quick Sync feature is enabled because the activate button on the bezel was pressed."**

**2.1.25.36 USR0181 : "The Quick Sync feature is deactivated because the inactivity timeout limit was reached."**

**2.1.25.37 USR0182 : "Server information has been accessed by using the iDRAC Quick Sync feature."**

**2.1.25.38 USR0183 : "A bezel with the iDRAC Quick Sync feature is detected."**

**2.1.25.39 USR0184 : "A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available."**

**2.1.25.40 USR0190 : "Peak value is reset for <sensor type> sensor."**

When event is generated, message will have the following substitutions:

- <sensor type> = "SensorType"

**2.1.25.41 USR8500 : "Excessive login failures from <IP address>; blocked for <number> seconds."**

When event is generated, message will have the following substitutions:

- <IP address> = ""

**2.1.25.42 USR8501 : "Successfully closed Session process: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

#### **2.1.25.43 USR8502 : "Successfully closed Session: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

#### **2.1.25.44 USR8503 : "Domain user authentication was not successful. Reason code = <error num>"**

When event is generated, message will have the following substitutions:

- <error num> = ""

#### **2.1.25.45 USR8504 : "The IP address specified is out of range."**

#### **2.1.25.46 USR8505 : "Successfully invalidated Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **2.1.25.47 USR8506 : "Successfully closed Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **2.1.25.48 USR8507 : "<Session type> login was not successful (username=<user name>, ip=<IP address>, error=0x<error number>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **2.1.25.49 USR8508 : "<Session type> login was not successful (username=<user name>, ip=<ip address>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **2.1.25.50 USR8509 : "Login was not successful (username=<username>, ip=<ip address>, error=0x<error no>, type=<error type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

#### **2.1.25.51 USR8510 : "Login was successful <description>(username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

**2.1.25.52 USR8511 : "Login was successful <description> from <address> (username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

**2.1.25.53 USR8512 : "<Session type> login was not successful (username=<user name>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

**2.1.25.54 USR8513 : "<username> login from <description> (type=<session type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

## **2.1.26 Subcategory= Virtual Media [MessageID prefix =VME]**

**2.1.26.1 VME0001 : "Virtual Console session started."**

**2.1.26.2 VME0002 : "Virtual Media session started."**

**2.1.26.3 VME0003 : "Virtual Console session fails to start."**

**2.1.26.4 VME0004 : "Virtual Media session fails to start."**

**2.1.26.5 VME0005 : "Virtual Console session exited."**

**2.1.26.6 VME0006 : "Virtual Media session exited."**

**2.1.26.7 VME0007 : "Virtual Console session created."**

**2.1.26.8 VME0008 : "Virtual Media session created."**

## **2.2 Category: Configuration**

## **2.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR]**

**2.2.1.1 BAR001 : "Export System Profile requested."**

**2.2.1.2 BAR002 : "Validating vFlash Backup partition."**

**2.2.1.3 BAR003 : "Preparing vFlash Backup partition."**

**2.2.1.4 BAR004 : "Collecting Hardware Inventory information."**

**2.2.1.5 BAR005 : "Collecting Lifecycle Controller data."**

**2.2.1.6 BAR006 : "Finalizing Backup file."**

**2.2.1.7 BAR007 : "Export System Profile completed."**

**2.2.1.8 BAR008 : "Invalid Backup file passphrase provided."**

**2.2.1.9 BAR009 : "Valid vFlash media not present."**

**2.2.1.10 BAR010 : "Unable to create Backup partition on vFlash media."**

**2.2.1.11 BAR011 : "Unable to collect Hardware Inventory information."**

**2.2.1.12 BAR012 : "Unable to collect Lifecycle Controller data."**

**2.2.1.13 BAR013 : "Host System Shutdown unsuccessful."**

**2.2.1.14 BAR014 : "Backup file or partition access error."**

**2.2.1.15 BAR015 : "Backup file data processing error."**

**2.2.1.16 BAR016 : "Import System Profile requested."**

**2.2.1.17 BAR017 : "Backup file validation requested."**

**2.2.1.18 BAR018 : "Backup file validation completed."**

**2.2.1.19 BAR019 : "Validating Restore operation, allow several minutes for this to complete."**

**2.2.1.20 BAR020 : "Restoring Lifecycle Controller data."**

**2.2.1.21 BAR021 : "Insufficient space on network share."**

**2.2.1.22 BAR022 : "System powering up to perform component updates."**

**2.2.1.23 BAR023 : "Starting component updates."**

**2.2.1.24 BAR024 : "Initializing Restore operation."**

**2.2.1.25 BAR025 : "Restoring Component Firmware."**

**2.2.1.26 BAR026 : "Restoring Component Configuration."**

**2.2.1.27 BAR027 : "Host System Component Restore complete, shutting down Host System."**

**2.2.1.28 BAR028 : "Host System Component Restore completed with errors, shutting down"**

Host System."

2.2.1.29 BAR029 : "Restoring Integrated Remote Access Controller firmware."

2.2.1.30 BAR030 : "Import System Profile Complete, restarting Integrated Remote Access Controller."

2.2.1.31 BAR031 : "RESERVED"

2.2.1.32 BAR032 : "Invalid system profile Backup file."

2.2.1.33 BAR033 : "Unable to Restore Lifecycle Controller data."

2.2.1.34 BAR034 : "Unable to Restore Integrated Remote Access Controller firmware."

2.2.1.35 BAR035 : "Unable to Restore Integrated Remote Access Controller configuration."

2.2.1.36 BAR036 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery initiated."

2.2.1.37 BAR037 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery completed."

2.2.1.38 BAR038 : "Cancel."

2.2.1.39 BAR039 : "License not present."

2.2.1.40 BAR040 : "Unable to access vFlash."

2.2.1.41 BAR041 : "System Shutdown."

2.2.1.42 BAR042 : "Lifecycle Controller Disabled."

2.2.1.43 BAR043 : "Timeout waiting for Unified Server Configurator to exit."

2.2.1.44 BAR044 : "Waiting for Host System Shutdown to finish."

2.2.1.45 BAR045 : "Powering down the Host System for Integrated Remote Access Controller Restore."

2.2.1.46 BAR046 : "Host System will power up approximately 10 minutes after Integrated Remote Access Controller Restore (iDRAC)."

2.2.1.47 BAR047 : "System Profile operation canceled by user."

2.2.1.48 BAR048 : "System Service Tag not present."

2.2.1.49 BAR049 : "Automatic Host System power up setup failed."

2.2.1.50 BAR050 : "Performing Firmware Restore for Device : <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **2.2.1.51 BAR051 : "Performing Component Configuration Restore for Device : <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "NIC.Slot.1-1-1"

#### **2.2.1.52 BAR052 : "Firmware update cannot be performed for Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **2.2.1.53 BAR053 : "Restoring Firmware on Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **2.2.1.54 BAR054 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery unsuccessful."**

#### **2.2.1.55 BAR055 : "Previously stored configuration values not applied to Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **2.2.1.56 BAR056 : "Component Configuration Restored on Device : <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **2.2.1.57 BAR057 : "Some of the configuration values not applied to Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"



2.2.1.58 BAR058 : "Validating NFS destination access."

2.2.1.59 BAR059 : "Validating CIFS destination access."

2.2.1.60 BAR060 : "Collecting firmware inventory information."

2.2.1.61 BAR061 : "Collecting System Information."

2.2.1.62 BAR062 : "Collecting Lifecycle Controller Configuration database."

2.2.1.63 BAR063 : "Collecting Lifecycle Controller Firmware images."

2.2.1.64 BAR064 : "Collecting Integrated Remote Access Controller firmware."

2.2.1.65 BAR065 : "Collecting Integrated Remote Access Controller configuration."

2.2.1.66 BAR066 : "vFlash media not enabled."

2.2.1.67 BAR067 : "vFlash media not initialized."

2.2.1.68 BAR068 : "vFlash media not supported."

2.2.1.69 BAR069 : "Insufficient space on vFlash media."

2.2.1.70 BAR070 : "NFS Destination access denied."

2.2.1.71 BAR071 : "CIFS Destination access denied."

2.2.1.72 BAR072 : "Format of vFlash Backup partition unsuccessful."

2.2.1.73 BAR073 : "Delete of vFlash Backup partition unsuccessful."

2.2.1.74 BAR074 : "Unable to collect Firmware Inventory information."

2.2.1.75 BAR075 : "Unable to collect System information."

2.2.1.76 BAR076 : "Unable to collect the Configuration database."

2.2.1.77 BAR077 : "Unable to collect the Firmware images."

2.2.1.78 BAR078 : "Unable to collect the Integrated Remote Access Controller firmware."

2.2.1.79 BAR079 : "Unable to collect the Integrated Remote Access Controller configuration."

2.2.1.80 BAR080 : "Restoring Lifecycle Controller Configuration database."

2.2.1.81 BAR081 : "Restoring Lifecycle Controller Firmware images."

2.2.1.82 BAR082 : "Restoring Remote Access Controller configuration."

2.2.1.83 BAR083 : "Host System Model does not match the Backup file System Model"

information."

2.2.1.84 BAR084 : "Host System Service Tag does not match the Backup file Service Tag."

2.2.1.85 BAR085 : "Unable to collect System Information for Import Backup file validation."

2.2.1.86 BAR086 : "Unable to Restore The Lifecycle Controller Configuration database."

2.2.1.87 BAR087 : "Unable to Restore the Lifecycle Controller Firmware images."

2.2.1.88 BAR088 : "No partitions available on vFlash media."

2.2.1.89 BAR089 : "Lifecycle Controller needs to be updated."

2.2.1.90 BAR090 : "System Profile Backup requested."

2.2.1.91 BAR091 : "System Profile Backup completed."

2.2.1.92 BAR092 : "Disconnect from NFS unsuccessful."

2.2.1.93 BAR093 : "Disconnect from CIFS unsuccessful."

2.2.1.94 BAR094 : "Another Backup operation already in progress."

2.2.1.95 BAR095 : "Another Restore operation already in progress."

2.2.1.96 BAR096 : "BIOS incompatibility detected."

2.2.1.97 BAR097 : "Lifecycle Controller Unified Server Configurator incompatibility detected."

2.2.1.98 BAR098 : "Invalid System Service Tag."

2.2.1.99 BAR099 : "Collecting License data."

2.2.1.100 BAR100 : "Unable to collect License data."

2.2.1.101 BAR101 : "Restoring License data."

2.2.1.102 BAR102 : "Unable to restore license data."

2.2.1.103 BAR103 : "Collecting system branding data."

2.2.1.104 BAR104 : "Unable to collect system branding data."

2.2.1.105 BAR105 : "Restoring system branding data."

2.2.1.106 BAR106 : "Unable to restore system branding data."

2.2.1.107 BAR107 : "vFlash media reader license not present."

2.2.1.108 BAR108 : "License to Export and Import Server Profile not present."

74

2.2.1.109 BAR109 : "OEMDRV partition is in use."

2.2.1.110 BAR110 : "All existing jobs cancelled because of Import Server Profile request

processing."

**2.2.1.111 BAR111 : "Server Profile operation timed out."**

**2.2.1.112 BAR112 : "The system identifier in the Server Profile file does not match the target system."**

**2.2.1.113 BAR113 : "Unable to create an Automatic Backup job."**

**2.2.1.114 BAR114 : "An Automatic Backup job <job ID> is created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**2.2.1.115 BAR115 : "The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1."**

**2.2.1.116 BAR116 : "Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours."**

**2.2.1.117 BAR117 : "The iDRAC firmware cannot be restored due to hardware compatibility restraints."**

## **2.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS]**

**2.2.2.1 BIOS001 : "The command was successful"**

**2.2.2.2 BIOS002 : "Resource allocation failure."**

**2.2.2.3 BIOS003 : "Missing required parameter. Refer to the inserted comment."**

**2.2.2.4 BIOS004 : "Invalid parameter value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**2.2.2.5 BIOS005 : "Mismatch in AttributeName and AttributeValue count"**

**2.2.2.6 BIOS006 : "Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled"**

**2.2.2.7 BIOS007 : "Configuration job already created, cannot create another configuration job on specified target until existing job is completed or is cancelled"**

**2.2.2.8 BIOS008 : "No pending data present to create a Configuration job"**

**2.2.2.9 BIOS009 : "Lifecycle Controller is currently in use."**

**2.2.2.10 BIOS010 : "Lifecycle Controller is not enabled, cannot create Configuration job."**

**2.2.2.11 BIOS011 : "Configuration job already created, pending data cannot be deleted"**

**2.2.2.12 BIOS012 : "No pending data to delete."**

**2.2.2.13 BIOS013 : "Invalid AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**2.2.2.14 BIOS014 : "Invalid AttributeValue for AttributeName: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**2.2.2.15 BIOS015 : "AttributeValue cannot be changed to read only AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**2.2.2.16 BIOS016 : "AttributeValue cannot be changed for disabled AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**2.2.2.17 BIOS017 : "Unable to delete vFlash pending one-time boot configuration"**

**2.2.2.18 BIOS018 : "Invalid BIOS Password."**

**2.2.2.19 BIOS021 : "Cannot authenticate BIOS password."**

**2.2.2.20 BIOS022 : "Cannot set the BIOS password. Password is disabled due to a jumper setting on the motherboard."**

**2.2.2.21 BIOS023 : "Cannot perform the operation due to an unknown error in iDRAC."**

**2.2.2.22 BIOS024 : "The set operation did not complete successfully as the attribute is read-only."**

**2.2.2.23 BIOS025 : "Unable set the BIOS password as the BIOS password status is locked."**

**2.2.2.24 BIOS026 : "Password status cannot be set to locked when a System Password change is pending."**

**2.2.2.25 BIOS027 : "Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "AttributeName"

**2.2.2.26 BIOS028 :** "Unable to change the BIOS password using plain text because the password is currently being configured using a hash."

**2.2.2.27 BIOS029 :** "Unable to change the BIOS password because an Export Server Profile operation is already running."

**2.2.2.28 BIOS030 :** "Unable to change the BIOS password because an Import Server Profile operation is already running."

**2.2.2.29 BIOS101 :** "Unable to read or change any of the system BIOS configuration settings."

### **2.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT]**

**2.2.3.1 BOOT001 :** "The command was successful."

**2.2.3.2 BOOT002 :** "Resource allocation error"

**2.2.3.3 BOOT003 :** "Method not supported"

**2.2.3.4 BOOT004 :** "Invalid number of Boot Source arguments"

**2.2.3.5 BOOT005 :** "Missing required parameter."

**2.2.3.6 BOOT006 :** "Invalid Boot Source InstanceID"

**2.2.3.7 BOOT007 :** "Boot Source does not belong to specified Boot Configuration"

**2.2.3.8 BOOT008 :** "Source argument contains more devices than are present on the system"

**2.2.3.9 BOOT009 :** "Boot Sources cannot be found for this Boot Configuration"

**2.2.3.10 BOOT010 :** "Could not locate vFlash partition index"

**2.2.3.11 BOOT011 :** "Failed to set vFlash partition for one time boot"

**2.2.3.12 BOOT012 :** "Job started to attach and set vFlash SD card partition for OneTime boot."

**2.2.3.13 BOOT013 :** "Cannot make changes to non-active boot list."

**2.2.3.14 BOOT014 :** "Virtual media not ready."

**2.2.3.15 BOOT015 :** "Set operation successful for the boot partition."

**2.2.3.16 BOOT016 :** "Input source argument value for the boot device is incorrect or not found among the boot devices on the system."

**2.2.3.17 BOOT017 :** "Source argument does not support enable or disable mode."

**2.2.3.18 BOOT018 :** "Specified Boot Control List is read-only"

**2.2.3.19 BOOT8500 :** "Unable to change the BIOS boot order for the Server <slot number>"

78

When event is generated, message will have the following substitutions:

- <slot number> = ""

## **2.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**2.2.4.1 CMC001 : "The command was successful."**

**2.2.4.2 CMC002 : "General failure."**

**2.2.4.3 CMC003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

**2.2.4.4 CMC004 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**2.2.4.5 CMC005 : "Mismatch in AttributeName and AttributeValue count."**

**2.2.4.6 CMC401 : "Changing the Reserved QuickDeploy IP Addresses setting to <number of IP address> may create an issue in the future if higher density server nodes are inserted in to the Chassis (for example, quarter-height servers). Press OK to continue."**

When event is generated, message will have the following substitutions:

- <number of IP address> = ""

**2.2.4.7 CMC8501 : "Chassis Group Leader has synchronized this members configuration."**

**2.2.4.8 CMC8601 : "The Chassis group <group name> is created."**

When event is generated, message will have the following substitutions:

- <group name> = ""

**2.2.4.9 CMC8602 : "The Chassis group <group name> is deleted."**

When event is generated, message will have the following substitutions:

- <group name> = ""

## **2.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH]**

**2.2.5.1 DH001 : "Resource needed to perform the operation is unavailable."**

**2.2.5.2 DH002 : "Internal I/O failure"**

**2.2.5.3 DH003 : "Service tag could not be read"**

**2.2.5.4 DH004 : "iDRAC does not have sufficient free resources to generate keys"**

**2.2.5.5 DH005 : "CA Cert is corrupted, expired, or does not have signing privileges."**

**2.2.5.6 DH006 : "Not the right passphrase for the private key (need to re-write)."**

**2.2.5.7 DH007 : "The password unlocked the private key but it was the wrong private key."**

**2.2.5.8 DH008 : "There was a problem saving the certificate to persistent storage."**

**2.2.5.9 DH009 : "The operation did not complete successfully because of an unexpected internal problem.."**

**2.2.5.10 DH010 : "Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active."**

## **2.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS]**

**2.2.6.1 DIS001 : "Auto Discovery feature not licensed."**

**2.2.6.2 DIS002 : "Auto Discovery feature disabled."**

**2.2.6.3 DIS003 : "Auto Discovery process started."**

**2.2.6.4 DIS004 : "Auto Discovery 24-hour timeout occurred. Stopping Auto Discovery process."**

**2.2.6.5 DIS005 : "Auto Discovery communicated successfully with Provisioning Server <provisioning server name>."**

When event is generated, message will have the following substitutions:

- <provisioning server name> = "Unknown"

**2.2.6.6 DIS006 : "Auto Discovery operation successful. Disabling Auto Discovery feature."**

**2.2.6.7 DIS007 : "Unable to notify Provisioning Server of iDRAC IP address change."**

**2.2.6.8 DIS008 : "Notification of iDRAC IP address changed to <new IP address> from <old IP address> sent to Provisioning Server."**

When event is generated, message will have the following substitutions:



- <new IP address> = "Unknown"
- <old IP address> = "Unknown"

#### **2.2.6.9 DIS009 : "Notification of iDRAC IP address changed to <new IP address> sent to Provisioning Server."**

When event is generated, message will have the following substitutions:

- <new IP address> = "Unknown"

#### **2.2.6.10 DIS010 : "Auto Discovery LCD display message: <progress message>"**

When event is generated, message will have the following substitutions:

- <progress message> = "Unknown"

2.2.6.11 DIS011 : "Auto Discovery client using customer signed client certificate."

2.2.6.12 DIS012 : "Auto Discovery client using factory signed client certificate."

2.2.6.13 DIS013 : "Auto Discovery client using default client certificate."

2.2.6.14 DIS014 : "Auto Discovery client using customer provided CA certificate to authenticate Provisioning Server."

2.2.6.15 DIS015 : "Auto Discovery client using default CA certificate to authenticate Provisioning Server."

2.2.6.16 DIS016 : "Response received from Provisioning Server to the notification of iDRAC IP address change."

2.2.6.17 DIS100 : "The AutoConfig operation is successful."

2.2.6.18 DIS101 : "The execution of AutoConfig operation is started."

2.2.6.19 DIS102 : "Unable to start the AutoConfig import operation, because the AutoConfig import file is not available."

2.2.6.20 DIS103 : "The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.21 DIS104 : "The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.22 DIS105 : "The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.23 DIS106 : "Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.24 DIS107 : "Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.25 DIS108 : "Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled."

2.2.6.26 DIS109 : "Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC."

2.2.6.27 DIS110 : "The AutoConfig operation is completed."

## 2.2.7 Subcategory= Fan Event [MessageID prefix =FAN]

2.2.7.1 FAN900 : "The Enhanced Cooling Mode is successfully enabled."

2.2.7.2 FAN901 : "The Enhanced Cooling Mode is successfully disabled."

2.2.7.3 FAN902 : "Cannot enable the Enhanced Cooling Mode because sufficient power is

not available."

**2.2.7.4 FAN903 :** "Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis."

**2.2.7.5 FAN904 :** "Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled."

**2.2.7.6 FAN905 :** "Applying fan configuration settings. This may take several seconds."

**2.2.7.7 FAN906 :** "Changes are not made to the current settings."

**2.2.7.8 FAN907 :** "The Enhanced Cooling Mode feature is already enabled."

**2.2.7.9 FAN908 :** "The Enhanced Cooling Mode feature is already disabled."

**2.2.7.10 FAN911 :** "The attempt to enable the Enhanced Cooling Mode was not successful."

## **2.2.8 Subcategory= Fiber Channel [MessageID prefix =FC]**

**2.2.8.1 FC001 :** "The command was successful."

**2.2.8.2 FC002 :** "Unable to allocate memory."

**2.2.8.3 FC003 :** "Missing required parameter."

**2.2.8.4 FC004 :** "Invalid parameter value for <parameter value>"

When event is generated, message will have the following substitutions:

- <parameter value> = "FC attribute name"

**2.2.8.5 FC005 : "The number of AttributeName array elements does not match the AttributeValue array element count."**

**2.2.8.6 FC006 : "Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled."**

**2.2.8.7 FC007 : "A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled."**

**2.2.8.8 FC008 : "No pending data present to create a Configuration job."**

**2.2.8.9 FC009 : "Lifecycle Controller is currently in use."**

**2.2.8.10 FC010 : "Unable to create Configuration job because Lifecycle Controller is not enabled."**

**2.2.8.11 FC011 : "Configuration job already created, pending data cannot be deleted"**

**2.2.8.12 FC012 : "No pending data to delete."**

**2.2.8.13 FC013 : "Invalid AttributeName: <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**2.2.8.14 FC014 : "Invalid AttributeValue parameter content for corresponding AttributeName <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**2.2.8.15 FC015 : "Unable to change read-only attribute <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**2.2.8.16 FC016 : "Unable to change the attribute value of the disabled attribute <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**2.2.8.17 FC017 : "Unable to perform the operation due to an internal error in iDRAC."**

## **2.2.9 Subcategory= Hardware Config [MessageID prefix =HWC]**

**2.2.9.1 HWC0001 : "Unable to complete the operation as there is no response from iDRAC."**

**2.2.9.2 HWC0002 : "Unable to detect vFlash SD card."**

**2.2.9.3 HWC0003 : "Successfully initialized vFlash SD card."**

**2.2.9.4 HWC0004 : "Unable to initialize vFlash SD card."**

**2.2.9.5 HWC0005 : "Internal error while retrieving update information."**

**2.2.9.6 HWC0006 : "Unable to save vFlash SD card settings."**

**2.2.9.7 HWC0007 : "Unable to load vFlash SD card settings."**

**2.2.9.8 HWC0008 : "Unable to communicate with iDRAC."**

**2.2.9.9 HWC0009 : "Unable to enable vFlash SD card."**

**2.2.9.10 HWC0010 : "Invalid folder name or USB drive not found."**

**2.2.9.11 HWC0011 : "Insufficient space to copy the file to the USB drive."**

**2.2.9.12 HWC0012 : "Unable to write to the USB drive."**

**2.2.9.13 HWC0013 : "Unable to copy the file to USB drive."**

**2.2.9.14 HWC0014 : "Unable to detect vFlash SD card."**

**2.2.9.15 HWC0015 : "iDRAC not responding."**

**2.2.9.16 HWC0016 : "iDRAC communication failure."**

## **2.2.10 Subcategory= IO Identity Optimization [MessageID prefix =I0ID]**

**2.2.10.1 I0ID001 : "The Input/Output Identity (I/O Identity) optimization feature is enabled."**

**2.2.10.2 I0ID002 : "The Input/Output Identity (I/O Identity) optimization feature is disabled."**

**2.2.10.3 I0ID003 : "The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **2.2.10.4 IOD004 : "Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **2.2.10.5 IOD005 : "Storage Initiator Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **2.2.10.6 IOD006 : "Storage Target Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **2.2.10.7 IOD110 : "The virtual address of NIC <controller> Port <port> is configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **2.2.10.8 IOD111 : "Unable to configure the virtual address of NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **2.2.10.9 IOD112 : "The initiator properties of the NIC <Controller> Port <Port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **2.2.10.10 IOD113 : "Unable to configure the initiator properties of NIC <Controller> Port <Port>."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **2.2.10.11 IOD114 : "The target settings properties of the NIC <controller> Port <port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"

- <port> = " 1"

#### **2.2.10.12 IOD115 : "Unable to configure the target settings properties of the NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

**2.2.10.13 IOID116 :** "Applying I/O Identity settings based on current persistence policy settings."

**2.2.10.14 IOID117 :** "The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully."

**2.2.10.15 IOID118 :** "Unable to configure some or all I/O Identity settings based on current persistence policy settings."

**2.2.10.16 IOID119 :** "FlexAddress is enabled on all NIC and FC HBA devices."

## **2.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**2.2.11.1 IOV000 :** "Successfully completed the operation."

**2.2.11.2 IOV001 :** "The operation contains an invalid request or argument."

**2.2.11.3 IOV002 :** "Unable to create or allocate the required resources."

**2.2.11.4 IOV003 :** "Unable to manage the device located in the PCIe slot specified in the operation."

**2.2.11.5 IOV004 :** "Unable to turn on PCIe adapter."

**2.2.11.6 IOV005 :** "Chassis Management Controller (CMC) is not ready to run commands."

**2.2.11.7 IOV006 :** "Incorrect Chassis Infrastructure Mainboard firmware version."

**2.2.11.8 IOV007 :** "Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component."

**2.2.11.9 IOV008 :** "Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode."

**2.2.11.10 IOV009 :** "Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings."

**2.2.11.11 IOV010 :** "Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server."

**2.2.11.12 IOV011 :** "Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off."

**2.2.11.13 IOV012 :** "Unable to assign a virtual adapter (VA) to a non-default server because a license is required."

**2.2.11.14 IOV013 :** "Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA."

**2.2.11.15 IOV101 :** "A PCIe adapter <device name> is inserted in <slot type> <slot number>."

When event is generated, message will have the following substitutions:



- <device name> = ""

**2.2.11.16 IOV102 : "A PCIe adapter <device name> is removed from <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.2.11.17 IOV103 : "A PCIe adapter <device name> in <slot type><slot number> is replaced by PCIe adapter <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.2.11.18 IOV114 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> assigned to server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**2.2.11.19 IOV115 : "Unable to allocate <number of watts> WATTS for discovery of PCIE adapters."**

When event is generated, message will have the following substitutions:

- <number of watts> = ""

**2.2.11.20 IOV117 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> was unassigned/unmapped from server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**2.2.11.21 IOV119 : "PCIe ride-through mode is disabled."**

**2.2.11.22 IOV120 : "PCIe ride-through mode is enabled."**

**2.2.11.23 IOV121 : "PCIe ride-through time out has changed from <seconds> to <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <seconds> = ""

**2.2.11.24 IOV122 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> is mapped/assigned to extension of server slot <server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**2.2.11.25 IOV123 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> is unassigned/unmapped from extended server slot <server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**2.2.11.26 IOV1001 : "The requested operation was successfully executed."**

**2.2.11.27 IOV1002 : "The operation was not successful."**

**2.2.11.28 IOV1003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "Param1"

**2.2.11.29 IOV1004 : "Too many slots provided as parameters to Assign and UnAssign Servers methods."**

**2.2.11.30 IOV1005 : "Invalid slot FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**2.2.11.31 IOV1006 : "Invalid PCI slot or Server slot."**

**2.2.11.32 IOV1007 : "Unable to assign a PCIe slot."**

**2.2.11.33 IOV1008 : "Invalid Virtual Adapter FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**2.2.11.34 IOV1009 : "Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count."**

**2.2.11.35 IOV2001 : "A PCIe card carrier containing a PCIe card is inserted in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.2.11.36 IOV2002 : "A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.2.11.37 IOV2003 : "A PCIe card carrier is removed from the PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

## **2.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA]**

### **2.2.12.1 IPA0100 : "The iDRAC IP Address changed from <old IP Address> to <new IP Address>."**

When event is generated, message will have the following substitutions:

- <old IP Address> = "192.168.1.100"
- <new IP Address> = "192.168.2.100"

## **2.2.13 Subcategory= Job Control [MessageID prefix =JCP]**

### **2.2.13.1 JCP001 : "Task successfully scheduled."**

### **2.2.13.2 JCP002 : "Unable to schedule the job."**

### **2.2.13.3 JCP003 : "Job failed."**

### **2.2.13.4 JCP004 : "Time elapsed - Job Failed."**

### **2.2.13.5 JCP005 : "System services cancelled - Job Failed"**

### **2.2.13.6 JCP006 : "Invalid job attribute."**

### **2.2.13.7 JCP007 : "Job successfully completed."**

### **2.2.13.8 JCP008 : "Job completed with errors."**

### **2.2.13.9 JCP009 : "Scheduled job was cancelled."**

### **2.2.13.10 JCP010 : "The command was successful."**

### **2.2.13.11 JCP011 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

### **2.2.13.12 JCP012 : "The operation failed due to an internal iDRAC error."**

### **2.2.13.13 JCP013 : "Missing parameter(s) <parameters>"**

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

**2.2.13.14 JCP014 : "Maximum jobs per queue exceeded."**

**2.2.13.15 JCP015 : "A running job cannot be deleted."**

**2.2.13.16 JCP016 : "Invalid UntilTime value. A minimum of 12 minutes is required."**

**2.2.13.17 JCP017 : "Job creation request unsuccessful. Maximum number of jobs reached."**

**2.2.13.18 JCP018 : "Cannot create new jobs until the existing Export job is completed or the job is cancelled."**

**2.2.13.19 JCP019 : "Cannot create new jobs until the existing Import System Profile job is completed or cancelled."**

**2.2.13.20 JCP020 : "Cannot schedule jobs while export or import operations are running."**

**2.2.13.21 JCP021 : "The operation failed due to an internal iDRAC error."**

**2.2.13.22 JCP022 : "Invalid Job ID <jobid number> for scheduling or deletion operation."**

When event is generated, message will have the following substitutions:

- <jobid number> = "JID\_43252342"

**2.2.13.23 JCP032 : "Unable to create a job because conflicting options are entered."**

**2.2.13.24 JCP023 : "Duplicate Job ID <jobid number>."**

When event is generated, message will have the following substitutions:

- <jobid number> = "JID\_4123141"

**2.2.13.25 JCP024 :** "Lifecycle Controller is in use. This job starts when Lifecycle Controller is available."

**2.2.13.26 JCP025 :** "Lifecycle Controller is not enabled."

**2.2.13.27 JCP026 :** "Update packages are being downloaded. This job resumes when the downloads are completed."

**2.2.13.28 JCP027 :** "Job created successfully."

**2.2.13.29 JCP028 :** "Job status updated."

**2.2.13.30 JCP030 :** "Unable to schedule jobs while an iDRAC firmware update or configuration job is running."

**2.2.13.31 JCP031 :** "Unable to delete the job because the configuration is still being committed."

## **2.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC]**

**2.2.14.1 LC001 :** "Command successful."

**2.2.14.2 LC002 :** "General failure."

**2.2.14.3 LC003 :** "Failed to change the firmware update mode."

**2.2.14.4 LC004 :** "Provisioning Server information is not formatted correctly."

**2.2.14.5 LC005 :** "Invalid firmware update mode."

**2.2.14.6 LC006 :** "Invalid Auto-Discovery action."

**2.2.14.7 LC007 :** "Invalid Parameter."

**2.2.14.8 LC008 :** "Unsupported method parameter value."

**2.2.14.9 LC009 :** "Insufficient method parameters."

**2.2.14.10 LC010 :** "Certificate imported successfully."

**2.2.14.11 LC011 :** "Certificate import operation failed."

**2.2.14.12 LC012 :** "Another process is using Lifecycle Controller."

**2.2.14.13 LC013 :** "A configuration job cannot be created because there are no pending values to change."

**2.2.14.14 LC014 :** "Maximum comment length is 255 characters."

**2.2.14.15 LC015 :** "Invalid Part Configuration Update"

**2.2.14.16 LC016 :** "Missing required parameter, <parameter>."

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

#### **2.2.14.17 LC017 : "Invalid value for the parameter, <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

2.2.14.18 LC018 : "Server certificate successfully modified. iDRAC will now restart and be unavailable during restart."

2.2.14.19 LC019 : "Base64 decode of PKCS12 content was not successful."

2.2.14.20 LC020 : "PKCS12 decrypt of the certificate could not complete."

2.2.14.21 LC021 : "PKCS12 decrypt of private key could not complete."

2.2.14.22 LC022 : "Lifecycle Controller Log Export was successful."

2.2.14.23 LC023 : "Cannot access network share."

2.2.14.24 LC024 : "Unable to retrieve Lifecycle Controller Log records."

2.2.14.25 LC025 : "Insufficient space on network share."

2.2.14.26 LC026 : "Lifecycle Controller Log Export method is not supported."

2.2.14.27 LC027 : "The Hardware Inventory file export was successful."

2.2.14.28 LC028 : "Unable to retrieve Hardware Inventory information."

2.2.14.29 LC029 : "Invalid file path specified."

2.2.14.30 LC030 : "The file path is to a read-only file system."

2.2.14.31 LC031 : "Internal error occurred while exporting inventory."

2.2.14.32 LC032 : "The Hardware Inventory Export method not supported."

2.2.14.33 LC033 : "As-Shipped Hardware Inventory export was successful."

2.2.14.34 LC034 : "Unable to retrieve As-Shipped Hardware Inventory from the system."

2.2.14.35 LC035 : "As-Shipped Hardware Inventory Export method is not supported."

2.2.14.36 LC036 : "Lifecycle Controller is not enabled."

2.2.14.37 LC037 : "An instance of Lifecycle Controller Log Export is already running."

2.2.14.38 LC038 : "An instance of Hardware Inventory export is already in progress."

2.2.14.39 LC039 : "An instance of As-Shipped Inventory export is already in progress."

2.2.14.40 LC040 : "Memory resource allocation failure."

2.2.14.41 LC041 : "Console name configure failed"

2.2.14.42 LC042 : "Configure Console name in FlexAddr mode"

2.2.14.43 LC044 : "An instance of Lifecycle Controller system configuration wipe is already

running."

**2.2.14.44 LC045 : "An instance of CreateConfigJob is already running."**

**2.2.14.45 LC046 : "An instance of DownloadServerPublicKey is already running."**

**2.2.14.46 LC047 : "An instance of DownloadClientCerts is already running."**

**2.2.14.47 LC048 : "Invalid input value for IPChangeNotifyPS."**

**2.2.14.48 LC049 : "Invalid value for VirtualAddressManagement."**

**2.2.14.49 LC050 : "Invalid value for SystemServicesState."**

**2.2.14.50 LC051 : "Cannot create multiple Server Profile Export jobs."**

**2.2.14.51 LC052 : "Cannot create multiple Server Profile Import jobs."**

**2.2.14.52 LC053 : "Lifecycle Controller Remote Services is currently unavailable."**

**2.2.14.53 LC054 : "Unable to write to the network share."**

**2.2.14.54 LC055 : "The operation did not complete successfully because of an invalid attribute array."**

**2.2.14.55 LC056 : "AttributeName and AttributeValue count mismatch."**

**2.2.14.56 LC057 : "Invalid AttributeName parameter value."**

**2.2.14.57 LC058 : "Invalid AttributeValue parameter value for corresponding AttributeName value, <AttributeName>."**

When event is generated, message will have the following substitutions:

- <AttributeName> = "AttributeName"

**2.2.14.58 LC059 : "Cannot set read only attribute specified in AttributeName <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"



**2.2.14.59 LC060 : "Lifecycle controller is currently not ready to take provisioning requests"**

**2.2.14.60 LC061 : "Lifecycle controller is ready to take provisioning requests"**

**2.2.14.61 LC062 : "Export or Import server profile operation is already running."**

**2.2.14.62 LC063 : "Cannot create new jobs until the existing running jobs are completed or deleted."**

**2.2.14.63 LC064 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

**2.2.14.64 LC065 : "The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is <attribute key>."**

When event is generated, message will have the following substitutions:

- <attribute key> = "attribute key"

**2.2.14.65 LC066 :** "The Export Certificate operation is currently running."

**2.2.14.66 LC067 :** "Successfully exported SSL Certificate."

**2.2.14.67 LC068 :** "Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress."

**2.2.14.68 LC069 :** "Certificate does not exist."

**2.2.14.69 LC070 :** "Unable to find the configuration XML import file."

**2.2.14.70 LC071 :** "The Lifecycle Controller version does not support the export or import of the Server Configuration XML file."

**2.2.14.71 LC072 :** "An SSL Certificate is successfully generated."

**2.2.14.72 LC073 :** "Unable to generate an SSL Certificate because one or more mandatory security attributes are invalid."

**2.2.14.73 LC074 :** "The Certificate export operation did not complete successfully."

**2.2.14.74 LC075 :** "The Custom Signed Certificate (CSC) is deleted successfully. iDRAC will now restart and be unavailable during restart"

**2.2.14.75 LC076 :** "Unable to perform the Custom Signed Certificate (CSC) certificate delete operation."

**2.2.14.76 LC077 :** "Certificate imported successfully. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active"

**2.2.14.77 LC0100 :** "Lifecycle Controller has entered Recovery mode."

**2.2.14.78 LC0101 :** "Lifecycle Controller action was cancelled by a user."

## **2.2.15 Subcategory= Licensing [MessageID prefix =LIC]**

**2.2.15.1 LIC900 :** "The command was successful."

**2.2.15.2 LIC901 :** "Invalid parameter value for <parameter>."

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**2.2.15.3 LIC902 :** "Resource allocation failure."

**2.2.15.4 LIC903 :** "Missing parameters <parameters>."

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

**2.2.15.5 LIC904 : "Could not connect to network share."**

**2.2.15.6 LIC905 : "The LicenseName value cannot exceed 64 characters."**

**2.2.15.7 LIC906 : "License file is not accessible on the network share."**

**2.2.15.8 LIC907 : "Unable to perform the operation due to an unknown error in iDRAC."**

## **2.2.16 Subcategory= Log event [MessageID prefix =LOG]**

**2.2.16.1 LOG001 : "Missing required InstanceID or JobID parameter."**

**2.2.16.2 LOG002 : "Invalid parameter value for InstanceID."**

**2.2.16.3 LOG003 : "ConfigResults not available for log entry specified."**

**2.2.16.4 LOG004 : "Resource allocation failure."**

**2.2.16.5 LOG005 : "Cannot perform the operation due to an unknown error in iDRAC."**

**2.2.16.6 LOG201 : "Recovered from Lifecycle Controller Log corruption."**

**2.2.16.7 LOG202 : "Recovered from Lifecycle Controller Log comments file corruption."**

**2.2.16.8 LOG204 : "Lifecycle Log archive operation did not complete."**

**2.2.16.9 LOG300 : "The system recovered from Chassis Log file corruption."**

**2.2.16.10 LOG302 : "The Chassis Log file header is corrupted."**

**2.2.16.11 LOG303 : "Unable to archive the Chassis Log file."**

**2.2.16.12 LOG305 : "The Chassis Log file was cleared."**

**2.2.16.13 LOG501 : "General failure."**

**2.2.16.14 LOG502 : "Missing required parameter <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**2.2.16.15 LOG503 : "Invalid value for the parameter, <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**2.2.16.16 LOG504 : "Chassis Log Export was successful."**

**2.2.16.17 LOG505 : "Cannot access network share."**

**2.2.16.18 LOG506 : "An instance of ExportChassisLog is already running."**

**2.2.16.19 LOG507 : "Resource allocation failure."**

**2.2.16.20 LOG508 : "Unable to write to the network share."**

**2.2.16.21 LOG509 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

**2.2.16.22 LOG510 : "Unable to perform the operation due to an unknown error in CMC."**

## **2.2.17 Subcategory= NIC Config [MessageID prefix =NIC]**

**2.2.17.1 NIC001 : "The command was successful."**

**2.2.17.2 NIC002 : "Resource allocation failure"**

**2.2.17.3 NIC003 : "Missing required parameter"**

**2.2.17.4 NIC004 : "Invalid parameter value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**2.2.17.5 NIC005 : "Mismatch in AttributeName and AttributeValue count"**

**2.2.17.6 NIC006 : "A configuration job already exists, Cannot set attribute on specified target until existing job is completed or is cancelled"**

**2.2.17.7 NIC007 : "A configuration job already exists, Cannot create another configuration job on specified target until existing job is completed or is cancelled"**

**2.2.17.8 NIC008 : "No pending data present to create a Configuration job"**

**2.2.17.9 NIC009 : "Lifecycle Controller is currently in use."**

**2.2.17.10 NIC010 : "Lifecycle Controller is not enabled, cannot create Configuration job."**

**2.2.17.11 NIC011 : "Configuration job already created, pending data cannot be deleted"**

**2.2.17.12 NIC012 : "No pending data to delete."**

**2.2.17.13 NIC013 : "Invalid AttributeName: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**2.2.17.14 NIC014 : "Invalid AttributeValue for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**2.2.17.15 NIC015 : "AttributeValue cannot be changed to read only AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**2.2.17.16 NIC016 : "AttributeValue cannot be changed for disabled AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

2.2.17.17 NIC017 : "Unable to delete vFlash pending one-time boot configuration"

2.2.17.18 NIC018 : "Invalid BIOS password."

2.2.17.19 NIC021 : "Cannot authenticate specified BIOS password."

2.2.17.20 NIC022 : "Unable to set the BIOS password because of a jumper setting on the motherboard."

2.2.17.21 NIC023 : "Cannot perform the operation due to an unknown error in iDRAC."

2.2.17.22 NIC024 : "The set operation did not complete successfully as the attribute is read-only."

## 2.2.18 Subcategory= OS Deployment [MessageID prefix =OSD]

2.2.18.1 OSD1 : "The command was successful."

2.2.18.2 OSD2 : "General failure."

2.2.18.3 OSD3 : "Lifecycle Controller is being used by another process."

2.2.18.4 OSD4 : "Cannot access Lifecycle Controller Driver Pack partition."

2.2.18.5 OSD5 : "Lifecycle Controller Driver Pack not found."

2.2.18.6 OSD6 : "Cannot allocate memory."

2.2.18.7 OSD7 : "Unable to retrieve Lifecycle Controller handle."

2.2.18.8 OSD8 : "Setting Boot to PXE through IPMI failed."

2.2.18.9 OSD9 : "Failed to reboot the system using an IPMI command."

2.2.18.10 OSD10 : "Installation not supported for the selected operating system."

2.2.18.11 OSD11 : "Driver Pack does not have drivers for the selected operating system."

2.2.18.12 OSD12 : "Cannot create the USB device needed to copy drivers for the selected operating system."

2.2.18.13 OSD13 : "Cannot mount the USB device needed to copy drivers for the selected operating system."

2.2.18.14 OSD14 : "Unable to expose the USB device that contains the operating system drivers to host system."

2.2.18.15 OSD15 : "Mount network share failed - incorrect username or password."

2.2.18.16 OSD16 : "Mount network share failed - incorrect IP address or share name."

2.2.18.17 OSD17 : "Exposing ISO image as internal device to the server failed."

102

2.2.18.18 OSD18 : "Unable to locate the ISO image on the network share point."

2.2.18.19 OSD19 : "The fork() command for a child process to perform the task failed."

2.2.18.20 OSD20 : "Unable to get size or label from Driver Pack for selected operating

system."

2.2.18.21 OSD21 : "Unable to boot to ISO image."

2.2.18.22 OSD22 : "Unable to detach ISO image from the host."

2.2.18.23 OSD23 : "Unable to continue with DetachISOImage - another command is in the process of exposing the ISO Image and booting to it."

2.2.18.24 OSD24 : "Unable to continue with DetachDrivers - UnPackAndAttach is in progress."

2.2.18.25 OSD25 : "Unable to detach USB device containing operating system drivers."

2.2.18.26 OSD26 : "Unable to continue with BootToPXE - another command is running."

2.2.18.27 OSD27 : "Copying drivers for selected operating system failed."

2.2.18.28 OSD28 : "Hash verification on the ISO image failed."

2.2.18.29 OSD29 : "Driver Pack configuration file not found in Lifecycle Controller. The Driver Pack might be corrupt."

2.2.18.30 OSD30 : "Invalid value for ExposeDuration - must be 60 - 65535 seconds"

2.2.18.31 OSD31 : "Copying operating system drivers to network share failed"

2.2.18.32 OSD32 : "Unable to detach ISO image from the system."

2.2.18.33 OSD33 : "Installed BIOS version does not support this method."

2.2.18.34 OSD34 : "Unable to continue with BootToPXE - ISO image is attached to the system."

2.2.18.35 OSD35 : "Lifecycle Controller is not enabled."

2.2.18.36 OSD36 : "Boot to ISO Image has been cancelled by using CTRL+E option on the server."

2.2.18.37 OSD37 : "ISO image size too large."

2.2.18.38 OSD38 : "Copying the ISO image from the network failed."

2.2.18.39 OSD39 : "Unable to find the VFlash."

2.2.18.40 OSD40 : "VFlash is not Dell licensed."

2.2.18.41 OSD41 : "ISO Image not found on VFlash."

2.2.18.42 OSD42 : "Downloading ISO File to VFlash failed."

2.2.18.43 OSD43 : "VFlash unavailable."

2.2.18.44 OSD44 : "Unable to detach ISO image on VFlash."

2.2.18.45 OSD45 : "Cannot delete ISO image from VFlash."

2.2.18.46 OSD46 : "VFlash in use."

and is in progress."

**2.2.18.63 OSD063 :** "The process of installing an operating system or hypervisor is successfully completed."

**2.2.18.64 OSD064 :** "The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure."

**2.2.18.65 OSD065 :** "Operating System/Hypervisor Installation did not complete successfully."

## **2.2.19 Subcategory= PCI Device [MessageID prefix =PCI]**

**2.2.19.1 PCI5001 :** "A PCIe card carrier containing a PCIe card is inserted in PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.2.19.2 PCI5002 :** "A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.2.19.3 PCI5003 :** "A PCIe card carrier is removed from the PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

## **2.2.20 Subcategory= Part Exchange [MessageID prefix =PR]**

**2.2.20.1 PR1 :** "A replacement part was detected for device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.2 PR2 :** "Configuration difference detected for device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.3 PR3 :** "Newer version of firmware found on device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.4 PR4 :** "Older version of firmware found on device: <device name>"

When event is generated, message will have the following substitutions:



- <device name> = "device name"

**2.2.20.5 PR5 : "The configuration values stored for the previous device could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.6 PR6 : "Configuration changes successfully applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.7 PR7 : "New device detected: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.8 PR8 : "Device not detected: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.9 PR9 : "Firmware update operation initiated."**

**2.2.20.10 PR10 : "Firmware update will not be performed. Firmware package is not present for <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.11 PR11 : "A required license for the Part Replacement feature is not present, replacement action(s) will not be performed."**

**2.2.20.12 PR12 : "Firmware update setting allows version upgrade only and will not be performed."**

**2.2.20.13 PR13 : "Firmware mismatch detected. Configuration changes not applied."**

**2.2.20.14 PR14 : "The configuration could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.15 PR15 : "Unable to verify configuration changes for device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.16 PR16 : "Some of the configuration values could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.17 PR17 : "Some of the configuration values stored for the previous device could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.18 PR18 : "Firmware version difference detected for device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**2.2.20.19 PR19 : "Job completed successfully."**

**2.2.20.20 PR20 : "Job in progress."**

**2.2.20.21 PR21 : "Job failed."**

**2.2.20.22 PR22 : "Preparing new job."**

**2.2.20.23 PR23 : "Job is ready for execution."**

**2.2.20.24 PR24 : "Job cancelled."**

**2.2.20.25 PR25 : "Missing or corrupt configuration database."**

**2.2.20.26 PR26 : "Missing or corrupt job information."**

**2.2.20.27 PR27 : "Unable to allocate resources."**

**2.2.20.28 PR28 : "Unable to locate device in current configuration."**

**2.2.20.29 PR29 : "Unable to locate device in previous configuration."**

**2.2.20.30 PR30 : "Job processing initialization failure."**

**2.2.20.31 PR31 : "Job completed with errors."**

**2.2.20.32 PR32 : "Failed verification of configuration changes."**

**2.2.20.33 PR33 : "Motherboard replacement detected."**

**2.2.20.34 PR34 : "<job ID> failed after exceeding retry attempt limit."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_432156780987"

#### **2.2.20.35 PR35 : "Power Supply slot <PS slot number> firmware update will be performed during next system reboot."**

When event is generated, message will have the following substitutions:

- <PS slot number> = "1"

#### **2.2.20.36 PR36 : "Version change detected for <device name> firmware. Previous version:<previous version>, Current version:<current version>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"
- <previous version> = " previous version"
- <current version> = " current version"

### **2.2.21 Subcategory= Power Usage [MessageID prefix =PWR]**

#### **2.2.21.1 PWR8601 : "Multinode sled power button disabled"**

#### **2.2.21.2 PWR8602 : "Multinode sled power button enabled"**

#### **2.2.21.3 PWR8664 : "The Dynamic Power Supply Engagement feature is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

#### **2.2.21.4 PWR8665 : "Chassis power button is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

### **2.2.22 Subcategory= RAC Event [MessageID prefix =RAC]**

#### **2.2.22.1 RAC001 : "The command was successful."**

#### **2.2.22.2 RAC002 : "General failure."**

#### **2.2.22.3 RAC003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

#### **2.2.22.4 RAC004 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**2.2.22.5 RAC005 : "Mismatch in AttributeName and AttributeValue count."**

**2.2.22.6 RAC006 : "AttributeValue cannot be changed for ReadOnly Attribute Name"**

**2.2.22.7 RAC007 : "Input out of Range"**

**2.2.22.8 RAC008 : "Invalid boolean Value"**

**2.2.22.9 RAC009 : "String exceeds maximum length."**

**2.2.22.10 RAC010 : "Invalid character value."**

**2.2.22.11 RAC011 : "Job already exists, cannot process more set operations."**

**2.2.22.12 RAC012 : "User is not authorized to perform this operation."**

**2.2.22.13 RAC013 : "Invalid FQDD."**

**2.2.22.14 RAC014 : "Invalid Attribute was entered."**

**2.2.22.15 RAC015 : "Not one of the Possible Values for AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

2.2.22.16 RAC016 : "Invalid AttributeName."

2.2.22.17 RAC017 : "Job created to apply the attribute value."

2.2.22.18 RAC018 : "Job completed with Errors."

2.2.22.19 RAC019 : "Job did not complete successfully."

2.2.22.20 RAC020 : "Completed"

2.2.22.21 RAC021 : "Unable to set static values for IPAddress Net mask or Gateway because DHCP is Enabled."

2.2.22.22 RAC022 : "Unable to set values for User Password, IPMILan, IPMISerial or User Admin Privilege because the User Name is not configured."

2.2.22.23 RAC023 : "Unable to enable the User or set values for IPMILan, IPMISerial, or User Admin Privilege because the User Password is not configured."

2.2.22.24 RAC024 : "Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled."

2.2.22.25 RAC025 : "Unable to set values for DNS1 or DNS2 attributes because DNS from DHCP is Enabled."

2.2.22.26 RAC026 : "Unable to set DNS Domain Name because "Domain Name From DHCP" is Enabled."

2.2.22.27 RAC027 : "Unable to set values for Speed or Duplex because Auto Negotiation is Enabled."

2.2.22.28 RAC028 : "Unable to Enable "DNS Domain Name From DHCP" or "DNS From DHCP" because DHCP is Disabled."

2.2.22.29 RAC029 : "Required dependency not found in input."

2.2.22.30 RAC030 : "The Required attribute that this Attribute is dependent on has an incorrect value."

2.2.22.31 RAC031 : "Invalid value specified for the User name."

2.2.22.32 RAC032 : "Invalid value specified for DNS RAC name."

2.2.22.33 RAC033 : "Unable to enable attribute because IPv4 is Disabled."

2.2.22.34 RAC034 : "Unable to create a job because the job queue is full."

2.2.22.35 RAC035 : "No pending configurations."

2.2.22.36 RAC036 : "Attribute dependency failed."

2.2.22.37 RAC037 : "No pending configurations to delete."

2.2.22.38 RAC038 : "Unable to perform the operation due to an unknown error in iDRAC."

2.2.22.39 RAC039 : "Invalid parameter value for <parameter>."

- <parameter> = "parameter"

#### **2.2.22.40 RAC040 : "Missing parameters <parameters>."**

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

#### **2.2.22.41 RAC041 : "The set operation on the event filters failed."**

#### **2.2.22.42 RAC042 : "Invalid number of input parameters."**

#### **2.2.22.43 RAC043 : "Unable to update some event filter settings."**

#### **2.2.22.44 RAC044 : "Unable to update some event filter settings."**

#### **2.2.22.45 RAC045 : "Event filter does not exist for input parameter combination."**

#### **2.2.22.46 RAC046 : "Unsupported event notification for the event filter specified."**

#### **2.2.22.47 RAC047 : "Unsupported event action for the specified event filter."**

#### **2.2.22.48 RAC048 : "The operation was successful."**

#### **2.2.22.49 RAC049 : "Resource allocation failure."**

#### **2.2.22.50 RAC050 : "Invalid country code."**

#### **2.2.22.51 RAC051 : "Unsupported parameter name <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

#### **2.2.22.52 RAC052 : "Unable to create a configuration job because an existing configuration job is already in progress."**

#### **2.2.22.53 RAC053 : "OS to iDRAC pass-through is disabled."**

#### **2.2.22.54 RAC054 : "User account attributes cannot be reset to default values due to an internal error."**

#### **2.2.22.55 RAC055 : "User name cannot be cleared because the user account is enabled in the input configuration XML file."**

#### **2.2.22.56 RAC056 : "Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**2.2.22.57 RAC057 : "Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**2.2.22.58 RAC058 : "AttributeValue is not unique for AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.22.59 RAC059 : "Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled."**

**2.2.22.60 RAC060 : "Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"

**2.2.22.61 RAC061 : "Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.."**

**2.2.22.62 RAC062 : "Unable to set the WatchdogResetTime because the IPMI Watchdog state is disabled."**

**2.2.22.63 RAC063 : "The string length of the provided value for <attribute name> is inappropriate."**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"

2.2.22.64 RAC064 : "iDRAC was successfully reset."

2.2.22.65 RAC065 : "iDRAC reset operation was not successful."

2.2.22.66 RAC066 : "iDRAC is successfully reset to factory-default properties."

2.2.22.67 RAC067 : "iDRAC reset to factory defaults operation was not successful."

2.2.22.68 RAC068 : "SHA256Password and Plain Password cannot be imported together."

2.2.22.69 RAC069 : "String Less than Min Supported Length"

2.2.22.70 RAC070 : "The SSL Web-Server certificate was successfully restored to factory defaults."

2.2.22.71 RAC071 : "Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress."

2.2.22.72 RAC072 : "Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress."

2.2.22.73 RAC073 : "Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress."

2.2.22.74 RAC074 : "Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress."

2.2.22.75 RAC0600 : "Unable to retrieve the temperature information."

2.2.22.76 RAC0601 : "Unable to retrieve alert recurrence information."

2.2.22.77 RAC0602 : "Invalid value for alert recurrence."

2.2.22.78 RAC0603 : "Updating Job Queue. Status of the update jobs can be viewed and managed within the Job Queue page."

2.2.22.79 RAC0604 : "System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled."

2.2.22.80 RAC0605 : "There are no jobs to be displayed."

2.2.22.81 RAC0606 : "The network connection test operation was successful."

2.2.22.82 RAC0607 : "Unable to perform OS to iDRAC Pass-Through with the current system configuration."

2.2.22.83 RAC0608 : "The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed."

2.2.22.84 RAC0609 : "The job <import or export job ID> has been successfully added to the



**job queue."**

When event is generated, message will have the following substitutions:

- <import or export job ID> = "123456789"

**2.2.22.85 RAC0610 : "The passphrase and confirm passphrase values entered do not match."**

**2.2.22.86 RAC0612 : "Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?"**

**2.2.22.87 RAC0613 : "The uploaded file is invalid."**

**2.2.22.88 RAC0614 : "Incorrect password for PKCS#12 file."**

**2.2.22.89 RAC0615 : "Invalid PKCS#12 file."**

**2.2.22.90 RAC0616 : "Error while extracting custom signing certificate and private key from the PKCS#12 file."**

**2.2.22.91 RAC0617 : "An error was encountered while generating new SSL Certificate."**

**2.2.22.92 RAC0618 : "Incorrect data entered."**

**2.2.22.93 RAC0619 : "The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed."**

**2.2.22.94 RAC0620 : "Lifecycle Controller is unable to delete the selected jobs."**

**2.2.22.95 RAC0621 : "Successfully completed the iDRAC firmware update. All current user sessions will be closed."**

**2.2.22.96 RAC0622 : "An invalid certificate file is uploaded."**

**2.2.22.97 RAC0654 : "No operations can be performed on the iDRAC Service Module."**

**2.2.22.98 RAC0655 : "The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system."**

**2.2.22.99 RAC0656 : "Are you sure you want to disable the iDRAC Service Module on the server operating system?"**

**2.2.22.100 RAC0659 : "Unable to perform the storage configuration operation(s) on <adapter name> because a job is currently pending or is running on the adapter."**

When event is generated, message will have the following substitutions:

- <adapter name> = "None"

2.2.22.101 RAC0661 : "Storage configuration operation - #(operation) is pending on the selected #{devicetype} : #{devicename}."

2.2.22.102 RAC0901 : "Invalid syntax. The -t option value must set to 1."

2.2.22.103 RAC0902 : "The -f option requires -d to also be specified."

2.2.22.104 RAC0903 : "The -d option cannot be used with any other options."

2.2.22.105 RAC0904 : "The remote file location is not accessible or reachable."

2.2.22.106 RAC0905 : "Failed to get the USC version details."

2.2.22.107 RAC0906 : "Operation failed."

2.2.22.108 RAC0907 : "System ID LED blink on."

2.2.22.109 RAC0908 : "System ID LED blink off."

2.2.22.110 RAC0909 : "Invalid subcommand syntax: Specify the object name."

2.2.22.111 RAC0910 : "Invalid subcommand syntax: Specify group and object name."

2.2.22.112 RAC0911 : "Data about version details is unavailable."

2.2.22.113 RAC0912 : "Unable to connect to RAC at specified IP address."

2.2.22.114 RAC913 : "Unable to login to RAC using the specified address"

2.2.22.115 RAC914 : "Value specified is invalid: Must be 0 (Off) or 1 (On)."

2.2.22.116 RAC915 : "Unable to change auto-negotiation property for the NIC."

2.2.22.117 RAC916 : "Value given exceeds the maximum threshold value."

2.2.22.118 RAC917 : "The syntax of the specified command is not correct."

2.2.22.119 RAC919 : "Copy to remote share unsuccessful. Remote share might be write protected."

2.2.22.120 RAC920 : "This interface does not support the specified option."

2.2.22.121 RAC921 : "The temperature history can be exported in XML or CSV format only."

2.2.22.122 RAC922 : "Specified path is too long."

2.2.22.123 RAC923 : "The file path is too long."

2.2.22.124 RAC924 : "Inlet temperature history exported successfully."

2.2.22.125 RAC925 : "Recurrence interval is not applicable for this subcategory."

2.2.22.126 RAC926 : "The recurrence interval needs to be an integer from 0 to 365."

2.2.22.127 RAC927 : "Recurrence value modified successfully."

2.2.22.128 RAC928 : "Unable to modify the recurrence value."

2.2.22.129 RAC929 : "Invalid category or subcategory specified."

**invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

**2.2.22.133 RAC938 : "Successfully initiated configuration XML file export operation invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

2.2.22.134 RAC939 : "Unable to start the system configuration profile export or import operation."

2.2.22.135 RAC940 : "Unable to start the system configuration profile export or import operation."

2.2.22.136 RAC941 : "Successfully initiated the export operation. This operation may take several minutes to complete."

2.2.22.137 RAC942 : "Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied."

2.2.22.138 RAC943 : "Warning: Collect System Inventory On Restart (CSIOR) feature is disabled."

2.2.22.139 RAC944 : "Unable to create the configuration job."

2.2.22.140 RAC945 : "Invalid object value specified."

2.2.22.141 RAC946 : "Unable to set the NIC to Auto Dedicated NIC mode."

2.2.22.142 RAC947 : "Invalid object value specified."

2.2.22.143 RAC948 : "Unable to send the notification for the specified event to the configured destination."

2.2.22.144 RAC949 : "Successfully added a work note to the Lifecycle Log."

2.2.22.145 RAC950 : "Unable to add the work note to the Lifecycle Log."

2.2.22.146 RAC951 : "The number of characters entered for the work note exceeds the supported limit."

2.2.22.147 RAC952 : "There is no free space to add new work notes to the Lifecycle Log."

2.2.22.148 RAC953 : "Successfully added the comment."

2.2.22.149 RAC954 : "The number of characters entered for the comment exceeds the supported limit."

2.2.22.150 RAC955 : "Unable to retrieve the information related to the specified record in the Lifecycle Log."

2.2.22.151 RAC956 : "There is no free space to add new comments to the Lifecycle Log."

2.2.22.152 RAC957 : "An import or export operation is currently in progress."

2.2.22.153 RAC958 : "Unable to start the import or export operation."

2.2.22.154 RAC959 : "Invalid file used for configuration XML file import operation."

2.2.22.155 RAC960 : "Unable to find the specified configuration XML file for import."

2.2.22.156 RAC961 : "A pending or committed system configuration change exists."

2.2.22.157 RAC962 : "Unable to continue with the operation because Lifecycle Controller is

in recovery state,"

2.2.22.158 RAC963 : "Unable to retrieve the status of Lifecycle Controller."

2.2.22.159 RAC964 : "Unable to perform the operation."

2.2.22.160 RAC965 : "The -l option must be specified if -u and -p are used."

2.2.22.161 RAC966 : "Unable to continue with the operation because the user name or password is not specified."

2.2.22.162 RAC967 : "Exporting the configuration XML file to a local share is not supported when using Firmware RACADM."

2.2.22.163 RAC968 : "Importing the configuration XML file from a local share is not supported when using Firmware RACADM."

2.2.22.164 RAC969 : "Incorrect value specified for the shutdown option."

2.2.22.165 RAC970 : "Incorrect value specified for the end power state option."

2.2.22.166 RAC971 : "Incorrect file type specified."

2.2.22.167 RAC972 : "Insufficient privileges to run the configuration XML file import or export operations."

2.2.22.168 RAC973 : "The imported configuration XML file matches the current system configuration."

2.2.22.169 RAC974 : "Invalid wait time specified."

2.2.22.170 RAC975 : "Invalid share type specified."

2.2.22.171 RAC976 : "Export configuration XML file operation initiated."

2.2.22.172 RAC977 : "Import configuration XML file operation initiated."

2.2.22.173 RAC978 : "Unsupported Lifecycle Controller firmware version detected."

2.2.22.174 RAC979 : "Successfully uploaded the custom signing certificate to iDRAC."

2.2.22.175 RAC981 : "The type of certificate specified does not require a passphrase."

2.2.22.176 RAC982 : "Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected."

2.2.22.177 RAC983 : "Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file."

2.2.22.178 RAC984 : "Unable to upload the Public Key Cryptography Standards version 12

(PKCS12) file."

**2.2.22.179 RAC985 : "Unable to configure the cfgServerBootOnce object."**

**2.2.22.180 RAC986 : "The "vmkey" sub-command is deprecated."**

**2.2.22.181 RAC987 : "Firmware update job for <file name> is initiated."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**2.2.22.182 RAC988 : "Unable to initiate the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**2.2.22.183 RAC989 : "Unable to apply the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**2.2.22.184 RAC990 : "Unable to apply the <file name> update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**2.2.22.185 RAC991 : "Unable to run the "jobqueue" command."**

**2.2.22.186 RAC992 : "Invalid job: <job ID>."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456789"

**2.2.22.187 RAC993 : "The job: <job ID> was deleted."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456790"

**2.2.22.188 RAC994 : "Unable to run the "jobqueue delete --all" command."**

**2.2.22.189 RAC995 : "Unable to retrieve the hardware inventory."**

**2.2.22.190 RAC996 : "Unable to set the object value because the DNS RAC Name object is not configured."**

**2.2.22.191 RAC997 : "The object DNSDomainFromDHCP cannot be enabled."**

**2.2.22.192 RAC998 : "IPv6 cannot be enabled."**

**2.2.22.193 RAC999 : "The object DNSFromDHCP6 cannot be enabled."**

**2.2.22.194 RAC1000 : "Unable to set the object value for iDRAC IPv6 address or gateway."**

**2.2.22.195 RAC1001 : "Unable to set the object value for iDRAC IPv6 DNS1 or DNS2."**

**2.2.22.196 RAC1002 : "Active Directory Single Sign On (SSO) cannot be enabled."**

**2.2.22.197 RAC1003 : "The smart card certificate revocation list (CRL) cannot be enabled."**

**2.2.22.198 RAC1004 : "The smart card login cannot be enabled."**

**2.2.22.199 RAC1005 : "Successfully exported hardware inventory."**

**2.2.22.200 RAC1006 : "Unable to process the <file name>, and the update was not applied."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**2.2.22.201 RAC1007 : "The job <job ID> cannot be deleted."**

When event is generated, message will have the following substitutions:

- <job ID> = "firmimg.d7"

2.2.22.202 RAC1008 : "The Active Directory object DCLookupByUserDomain cannot be disabled."

2.2.22.203 RAC1009 : "The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled."

2.2.22.204 RAC1010 : "Unable to set the power cap value."

2.2.22.205 RAC1011 : "The OS to iDRAC pass-through cannot be enabled."

2.2.22.206 RAC1012 : "Unable to change the auto-negotiation state for the current NIC selection mode."

2.2.22.207 RAC1013 : "The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None."

2.2.22.208 RAC1014 : "The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None"."

2.2.22.209 RAC1016 : "The specified user already exists. Duplicate user names are not allowed."

2.2.22.210 RAC1017 : "Successfully modified the object value and the change is in pending state."

2.2.22.211 RAC1018 : "The specified object or syntax is invalid."

2.2.22.212 RAC1019 : "The specified object is not supported for the current system configuration."

2.2.22.213 RAC1020 : "No objects are available under the specified group for the current system configuration."

2.2.22.214 RAC1021 : "NIC objects are not available in the current system configuration."

2.2.22.215 RAC1023 : "Unable to create the configuration job."

2.2.22.216 RAC1024 : "Successfully scheduled a job."

2.2.22.217 RAC1025 : "The specified object is read-only and cannot be modified due to an object dependency."

2.2.22.218 RAC1026 : "A custom signing certificate does not exist."

2.2.22.219 RAC1027 : "Successfully sent the alert for the specified event to the configured destination."

2.2.22.220 RAC1028 : "Unable to download the specified certificate type."

2.2.22.221 RAC1029 : "Unable to delete the specified certificate type."

2.2.22.222 RAC1030 : "The custom signing certificate was deleted."

2.2.22.223 RAC1031 : "Unable to delete the custom signing certificate."

2.2.22.224 RAC1032 : "<Job ID or ALL> jobs was cancelled by the user."

120

When event is generated, message will have the following substitutions:



- <Job ID or ALL> = "123456789"

**2.2.22.225 RAC1033 : "Unable to retrieve the server component software inventory."**

**2.2.22.226 RAC1035 : "There are no pending values to be cleared."**

**2.2.22.227 RAC1036 : "Successfully cleared pending attribute(s) for the group specified."**

**2.2.22.228 RAC1037 : "Unable to clear pending attribute(s)."**

**2.2.22.229 RAC1038 : "Unable to clear pending values for the specified component."**

**2.2.22.230 RAC1039 : "The subcommand entered is not supported on the specified server."**

**2.2.22.231 RAC1040 : "Successfully accepted the RAID storage configuration operation. The change is in pending state."**

**2.2.22.232 RAC1041 : "Successfully configured the Automatic Update (autoupdate) feature settings."**

**2.2.22.233 RAC1042 : "Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided."**

**2.2.22.234 RAC1043 : "Unable to configure the Automatic Update (autoupdate) feature settings. The option <option name> is either invalid or not provided."**

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**2.2.22.235 RAC1044 :** "The Automatic Update (autoupdate) feature is not enabled."

**2.2.22.236 RAC1045 :** "Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often."

**2.2.22.237 RAC1046 :** "Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured."

**2.2.22.238 RAC1047 :** "Successfully cleared the Automatic Update (autoupdate) feature settings."

**2.2.22.239 RAC1048 :** "Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration."

**2.2.22.240 RAC1049 :** "Successfully configured the Automatic Backup (autobackup) feature settings."

**2.2.22.241 RAC1050 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided."

**2.2.22.242 RAC1051 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The option <option name> is either invalid or not provided."

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**2.2.22.243 RAC1052 : "The Automatic Backup (autobackup) feature is not enabled."**

**2.2.22.244 RAC1053 : "Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured."**

**2.2.22.245 RAC1054 : "Successfully cleared the Automatic Backup (autobackup) feature settings."**

**2.2.22.246 RAC1055 : "Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration."**

**2.2.22.247 RAC1056 : "Rollback operation initiated successfully."**

**2.2.22.248 RAC1057 : "Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a rollback firmware image available."**

**2.2.22.249 RAC1058 : "Rollback operation did not complete successfully because Lifecycle Controller is disabled."**

**2.2.22.250 RAC1059 : "Rollback operation could not be performed because another firmware update job is running."**

**2.2.22.251 RAC1060 : "System inventory may not becurrent because the Collect System Inventory On Restart (CSIOR) feature is disabled."**

**2.2.22.252 RAC1061 : "SystemErase operation initiated successfully."**

**2.2.22.253 RAC1062 : "Unable to initiate the SystemErase operation. The component identifier specified is not valid."**

**2.2.22.254 RAC1063 : "Unable to initiate the SystemErase operation because Lifecycle Controller is disabled."**

**2.2.22.255 RAC1064 : "Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress."**

**2.2.22.256 RAC1065 : "Unable to initiate the SystemErase operation because iDRAC encountered an internal issue."**

**2.2.22.257 RAC1067 : "Unable to set the minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is lesser than, or equal to the minimum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.258 RAC1068 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.259 RAC1069 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.260 RAC1070 : "Unable to set the maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.261 RAC1071 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.262 RAC1072 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**2.2.22.263 RAC1073 : "Unable to reset the threshold value of sensor <sensor name> because the capability to reset this sensor threshold value is not supported."**

When event is generated, message will have the following substitutions:

- <sensor name> = "SensorName"

**2.2.22.264 RAC1109 :** "Unable to run the command, because an incorrect Share type is entered."

**2.2.22.265 RAC1110 :** "Unable to run the command, because an incorrect Proxy port number was entered."

**2.2.22.266 RAC1111 :** "Unable to delete the pending values or operations of the specified device."

**2.2.22.267 RAC1112 :** "Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job."

**2.2.22.268 RAC1113 :** "Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option."

**2.2.22.269 RAC1114 :** "Configuration XML file preview operation job is initiated. Job ID = <job ID>"

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

2.2.22.270 RAC1115 : "Unable to run the command, because of insufficient user privileges."

2.2.22.271 RAC1116 : "Unable to run the command, because the restart flag entered is incorrect."

2.2.22.272 RAC1117 : "Unable to run the command."

2.2.22.273 RAC1118 : "Successfully initiated the update operation specified in the command."

2.2.22.274 RAC1119 : "Unable to generate a comparison report for the specified repository."

2.2.22.275 RAC1120 : "Unable to run the command, because an incorrect Proxy type is entered."

2.2.22.276 RAC1121 : "Unable to run the command, because the data entered for connecting to the Proxy server is insufficient."

2.2.22.277 RAC1122 : "The specified group or object is not supported on the server."

2.2.22.278 RAC1123 : "Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration."

2.2.22.279 RAC1128 : "The -l option must be specified if -u and -p options are used."

2.2.22.280 RAC1129 : "Unable to modify the BootOnce object."

2.2.22.281 RAC1130 : "Unable to complete the operation. This feature is not supported on the currently-used platform."

2.2.22.282 RAC1131 : "iDRAC was successfully reset."

2.2.22.283 RAC1132 : "Unable to update the firmware. The value entered for an option is invalid."

2.2.22.284 RAC1133 : "BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart."

2.2.22.285 RAC1134 : "Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally."

2.2.22.286 RAC1135 : "Unable to run the RACADM command because an internal instrumentation component has stopped functioning."

2.2.22.287 RAC1136 : "Remote unattended diagnostic execution operation initiated."

2.2.22.288 RAC1137 : "Remote unattended diagnostic results export operation initiated."

2.2.22.289 RAC1138 : "Unable to export the diagnostics results because the results do not exist."

2.2.22.290 RAC1139 : "The entered option is not supported by the interface."

2.2.22.291 RAC1140 : "File name is not required to export the Technical Support Report (TSR)"

to a remote share."

**2.2.22.292 RAC1141 : "The iDRAC firmware rollback operation was initiated."**

**2.2.22.293 RAC1142 : "Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes."**

**2.2.22.294 RAC1143 : "Configuration results are not applicable for the job type for Job: <job ID>."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**2.2.22.295 RAC1144 : "The Job: <job ID> is invalid or is not present in the job queue and a related Lifecycle Log entry is not found."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**2.2.22.296 RAC1145 : "The entered log type is invalid."**

**2.2.22.297 RAC1146 : "Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC."**

**2.2.22.298 RAC1147 : "Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC."**

**2.2.22.299 RAC1150 : "Unable to complete the export operation."**

**2.2.22.300 RAC1151 : "The export operation is unsuccessful."**

**2.2.22.301 RAC1152 : "The export operation completed successfully."**

**2.2.22.302 RAC1153 : "The time stamp is not available to display."**

**2.2.22.303 RAC1154 : "The requested operation is initiated."**

**2.2.22.304 RAC1155 : "Unable to complete the operation because Lifecycle Controller is disabled."**

**2.2.22.305 RAC1156 : "Unable to display the information about the server network interfaces."**

**2.2.22.306 RAC1157 : "Unable to find the specified FQDD."**

**2.2.22.307 RAC1158 : "The requested number of log entries exceeds the limit."**

**2.2.22.308 RAC1159 : "Unable to get the requested data from iDRAC."**

**2.2.22.309 RAC1160 : "Unable to set USB group objects because of insufficient privilege for user account <username>."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**2.2.22.310 RAC1161 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running."**

**2.2.22.311 RAC1162 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress."**

**2.2.22.312 RAC1163 : "The peak utilization value of out-of-band performance monitoring sensor <sensor name> is successfully reset."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Sensorname"



**2.2.22.313 RAC1164 :** "A remote diagnostics operation is currently running and not completed."

**2.2.22.314 RAC1165 :** "Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use."

**2.2.22.315 RAC1166 :** "Successfully initiated Configuration XML file preview operation that was invoked by <user name>."

When event is generated, message will have the following substitutions:

- <user name> = "root"

**2.2.22.316 RAC1168 :** "The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware."

**2.2.22.317 RAC1169 :** "The RACADM "config" command will be deprecated in a future version of iDRAC firmware."

**2.2.22.318 RAC1170 :** "Unable to find the SSL library in the default path."

**2.2.22.319 RAC1175 :** "Unable to change the user configuration because modifying the user configuration at index 1 is not allowed."

**2.2.22.320 RAC1176 :** "Unable to generate the Certificate Signing Request (CSR) message because all the attributes in the iDRAC.Security group are not configured."

**2.2.22.321 RAC1177 :** "A USB device is attached to the iDRAC."

**2.2.22.322 RAC1178 :** "A USB device is attached to the iDRAC and a configuration XML import operation is in progress."

**2.2.22.323 RAC1179 :** "Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device."

**2.2.22.324 RAC1180 :** "A USB device is inserted in the front panel USB Management port and is in use by the server operating system."

**2.2.22.325 RAC1181 :** "Unable to change USB Management Port mode."

**2.2.22.326 RAC1182 :** "Unable to retrieve information for the Power group or attribute because the server is not PMBus capable."

**2.2.22.327 RAC1183 :** "Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature."

**2.2.22.328 RAC1184 :** "The getuscvresion RACADM subcommand will be deprecated in a future release."

**2.2.22.329 RAC1185 :** "Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered."

**2.2.22.330 RAC1186 :** "1000Mbps speed setting is Read Only and cannot be configured for the iDRAC NIC."

## **2.2.23 Subcategory= FW Download [MessageID prefix =RED]**

**2.2.23.1 RED070 :** "Unable to configure the Automatic Backup schedule."

**2.2.23.2 RED071 :** "Unable to get the Automatic Backup schedule information."

**2.2.23.3 RED072 :** "Unable to delete the Automatic Backup schedule."

**2.2.23.4 RED073 :** "The input value entered for the parameter <parameter> is invalid."

130

When event is generated, message will have the following substitutions:

- `<parameter> = "Param1"`

2.2.23.5 RED074 : "A required parameter is not present."

2.2.23.6 RED075 : "An Automatic Backup schedule already exists."

## **2.2.24 Subcategory= Remote Service [MessageID prefix =RSI]**

2.2.24.1 RSI0001 : "The Lifecycle Controller Remote Services is available."

2.2.24.2 RSI0002 : "The remote service is currently not available"

2.2.24.3 RSI0003 : "The remote service is reloading data"

2.2.24.4 RSI0004 : "The remote service is unavailable"

## **2.2.25 Subcategory= Security Event [MessageID prefix =SEC]**

2.2.25.1 SEC0700 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC."

2.2.25.2 SEC0701 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately."

## **2.2.26 Subcategory= Storage [MessageID prefix =STOR]**

2.2.26.1 STOR003 : "Missing parameter."

2.2.26.2 STOR004 : "Invalid parameter value."

2.2.26.3 STOR006 : "Unable to complete the operation."

2.2.26.4 STOR007 : "Unable to allocate resources."

2.2.26.5 STOR009 : "Physical disk FQDD did not identify a valid physical disk for the operation."

2.2.26.6 STOR010 : "RAID level not supported on controller."

2.2.26.7 STOR011 : "Stripe size not supported on controller."

2.2.26.8 STOR012 : "Provided Physical disk not valid for this operation."

2.2.26.9 STOR013 : "One or more storage device(s) are not in a state where the operation can be completed."

2.2.26.10 STOR015 : "Maximum virtual disks allowed for this controller has been reached."

2.2.26.11 STOR016 : "The physical disk specified is not large enough to be a hot spare for this virtual disk."

2.2.26.12 STOR017 : "The specified Virtual Disk is not valid for the operation."

2.2.26.13 STOR018 : "No foreign drives detected."

2.2.26.14 STOR019 : "The specified passphrase is not valid."

2.2.26.15 STOR020 : "A controller key is already present."

2.2.26.16 STOR021 : "The controller key is not present."

job for the device already exists."

**2.2.26.19 STOR024 : "Unable to create a configuration job because a configuration job for the device already exists."**

**2.2.26.20 STOR025 : "Unable to delete any pending configuration because the configuration job is already scheduled."**

**2.2.26.21 STOR026 : "A configuration job was not created because there are no pending configuration changes."**

**2.2.26.22 STOR027 : "Virtual Disk name is not supported."**

**2.2.26.23 STOR028 : "Virtual disk not found."**

**2.2.26.24 STOR029 : "Physical disk not found."**

**2.2.26.25 STOR030 : "Controller not found."**

**2.2.26.26 STOR031 : "Lifecycle Controller is not enabled."**

**2.2.26.27 STOR032 : "Lifecycle Controller is currently in use."**

**2.2.26.28 STOR033 : "Invalid parameter value for Start/Until Time."**

**2.2.26.29 STOR035 : "Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation."**

**2.2.26.30 STOR037 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "RAIDLevel"

**2.2.26.31 STOR038 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "RAIDLevel"

**2.2.26.32 STOR039 : "Mismatch in AttributeName and AttributeValue count."**

**2.2.26.33 STOR040 : "Invalid AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute"

**2.2.26.34 STOR041 : "Invalid value for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "DiskCachePolicy"

#### **2.2.26.35 STOR042 : "Unsupported value for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "DiskCachePolicy"

#### **2.2.26.36 STOR043 : "One or more selected physical disk drives are part of virtual disk that is not Secondary RAID Level 0."**

#### **2.2.26.37 STOR044 : "All physical disks specified are not part of the same disk group."**

#### **2.2.26.38 STOR045 : "StartingLBA and Size parameters are required to create a virtual disk."**

#### **2.2.26.39 STOR046 : "The specified StartingLBA and Size values combination result in an overlapping virtual disk."**

#### **2.2.26.40 STOR047 : "Unable to change the value of attribute <attribute> because it is ReadOnly."**

When event is generated, message will have the following substitutions:

- <attribute> = "attribute"

2.2.26.41 STOR048 : "Controller is not Dell Key Management capable."

2.2.26.42 STOR049 : "Controller is in Local Key Management mode."

2.2.26.43 STOR050 : "Controller is in Dell Key Management mode."

2.2.26.44 STOR051 : "StartingLBA and Size value combination is greater than allowed by the physical disk size."

2.2.26.45 STOR052 : "Attempt to exceed the number of supported of virtual disks on a controller or disk group."

2.2.26.46 STOR053 : "The controller key is not present. The key must be retrieved from the Dell Key Management Server."

2.2.26.47 STOR054 : "Controller is not CacheCade capable."

2.2.26.48 STOR055 : "BIOS does not support Dell Key Manager capabilities."

2.2.26.49 STOR056 : "Physical disk is not security capable."

2.2.26.50 STOR057 : "The specified RAID controller is not currently available for configuration."

2.2.26.51 STOR058 : "This operation is not supported on this device."

2.2.26.52 STOR059 : "The requested operation is not currently valid because there are no virtual disks on the controller."

2.2.26.53 STOR060 : "Configuration operations are not supported on the specified storage controller."

2.2.26.54 STOR061 : "Initializing virtual disk is not supported on the RAID controller."

2.2.26.55 STOR062 : "One or more physical disks specified are full and cannot be used to create additional virtual disks."

2.2.26.56 STOR063 : "Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode."

2.2.26.57 STOR064 : "One or more physical disks specified for creating a virtual disk do not have the same block size."

2.2.26.58 STOR065 : "One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable."

2.2.26.59 STOR066 : "Controller is not T10 Protection Information capable."

2.2.26.60 STOR067 : "Controller does not support uneven span RAID10 virtual disks."

2.2.26.61 STOR068 : "Unable to perform the requested RAID configuration because the

**Lifecycle Controller version on the server does not have the necessary capabilities."**

**2.2.26.62 STOR069 : "Unable to run the <method name> method, because the number of elements entered for VDPropNameArry and VDPropValueArray is unequal."**

When event is generated, message will have the following substitutions:

- <method name> = "Param1"

**2.2.26.63 STOR070 : "Unable to run the WS-MAN method <method name>, because an invalid parameter <parameter name> is entered."**

When event is generated, message will have the following substitutions:

- <method name> = "Method"
- <parameter name> = "Param"

**2.2.26.64 STOR071 : "The specified Span Count is not valid for creating a RAID 10. Valid Span Counts are: <valid span counts>"**

When event is generated, message will have the following substitutions:

- <valid span counts> = "2,3,4,5,6,7,8"



2.2.26.65 STOR072 : "iDRAC Service Module (ISM) is either not present or not running on the server OS."

2.2.26.66 STOR073 : "The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation."

2.2.26.67 STOR074 : "The requested RAID configuration operation is not allowed because the controller is currently in Non-RAID mode."

2.2.26.68 STOR075 : "The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending."

2.2.26.69 STOR076 : "Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations."

2.2.26.70 STOR077 : "Unable to change Patrol Read State since Patrol Read Mode is not set to Manual."

2.2.26.71 STOR078 : "The requested operation requires a reboot type that does not match the reboot type required for pending operations."

2.2.26.72 STOR079 : "The device does not support this operation or is in a state that does not allow this operation."

2.2.26.73 STOR081 : "The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match."

2.2.26.74 STOR082 : "The operation cannot be stopped or cancelled because the operation is not currently running."

2.2.26.75 STOR083 : "The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size."

2.2.26.76 STOR084 : "Unable to create the job because another job is currently running"

2.2.26.77 STOR300 : "Controller mode cannot be changed because there are already pending operations."

2.2.26.78 STOR301 : "The operation cannot be performed because the controller mode change request is pending."

2.2.26.79 STOR302 : "The job could not be created because the Apply Operation Mode selected is not supported for this operation."

2.2.26.80 STOR303 : "Unable to change controller mode while security key is assigned to the controller. Delete the security key and retry the operation."

2.2.26.81 STOR304 : "Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller. Delete the Virtual Disks and/or Hotspares and retry the operation."

2.2.26.82 STOR305 : "Unable to change controller mode while there is preserved cache

**present on the controller. Delete the preserved cache and retry the operation."**

**2.2.26.83 STOR0701 : "Storage objects are unavailable in the current system configuration."**

**2.2.26.84 STOR0702 : "The value entered for the <option name> option is invalid"**

When event is generated, message will have the following substitutions:

- <option name> = "Option"

2.2.26.85 STOR034 : "Invalid parameter value for RebootJobType."

## **2.2.27 Subcategory= Software Config [MessageID prefix =SWC]**

2.2.27.1 SWC0001 : "Unable to save the network settings."

2.2.27.2 SWC0002 : "Unable to set Part Replacement policies."

2.2.27.3 SWC0003 : "Unable to display the Lifecycle log."

2.2.27.4 SWC0004 : "Unable to add a work note to the Lifecycle Log."

2.2.27.5 SWC0005 : "Unable to display the current hardware inventory."

2.2.27.6 SWC0006 : "Unable to display the As Shipped hardware inventory."

2.2.27.7 SWC0007 : "Unable to write the current hardware inventory to the specified destination."

2.2.27.8 SWC0008 : "Unable to write the As Shipped hardware inventory to the specified destination."

2.2.27.9 SWC0011 : "Successfully applied front panel security settings."

2.2.27.10 SWC0012 : "Unable to retrieve the front panel security settings."

2.2.27.11 SWC0013 : "Unable to save the front panel security settings."

2.2.27.12 SWC0014 : "Unable to set new date and time."

2.2.27.13 SWC0015 : "Unable to retrieve the list of supported operating systems."

2.2.27.14 SWC0016 : "Unable to initialize OS Deployment wizard."

2.2.27.15 SWC0017 : "Unable to retrieve the drivers for the selected operating system."

2.2.27.16 SWC0018 : "Unable to apply the boot mode settings for BIOS."

2.2.27.17 SWC0019 : "The Test Network Connection operation completed with errors."

2.2.27.18 SWC0023 : "Successfully configured encryption."

2.2.27.19 SWC0024 : "The Test Network Connection ping test timed-out."

2.2.27.20 SWC0025 : "The operation completed successfully, however the system is unable to automatically shut down."

2.2.27.21 SWC0026 : "Unable to retrieve status of backup Server Profile operation."

2.2.27.22 SWC0027 : "Successfully backed up a Server Profile by using the Lifecycle

Controller GUI."

2.2.27.23 SWC0028 : "The backup Server Profile operation did not successfully complete."

2.2.27.24 SWC0029 : "Unable to retrieve status of backup Server Profile operation."

2.2.27.25 SWC0030 : "Unable to complete the backup Server Profile backup operation."

2.2.27.26 SWC0031 : "Unable to initiate the backup Server Profile backup operation."

2.2.27.27 SWC0032 : "Successfully exported the Server Configuration Profile image file to the USB drive."

2.2.27.28 SWC0033 : "Successfully exported the Server Configuration Profile image file to network share."

2.2.27.29 SWC0034 : "Unable to export the file to the network share."

2.2.27.30 SWC0035 : "Unable to initialize backup Server Profile operation."

2.2.27.31 SWC0036 : "Unable to launch hardware diagnostics."

2.2.27.32 SWC0037 : "Unable to export the file to the network share."

2.2.27.33 SWC0038 : "Unable to export the file to the network share."

2.2.27.34 SWC0039 : "Unable to find the backup Server Configuration Profile image."

2.2.27.35 SWC0040 : "Unable to complete the Import operation."

2.2.27.36 SWC0041 : "Unable to copy the backup Server Configuration Profile."

2.2.27.37 SWC0042 : "Unable to retrieve the status of the Import Server Profile operation."

2.2.27.38 SWC0043 : "Import Server Profile operation completed with errors."

2.2.27.39 SWC0044 : "Unable to retrieve the status of the Import Server Profile operation."

2.2.27.40 SWC0045 : "Unable to complete the Import operation."

2.2.27.41 SWC0046 : "Unable to initiate Import operation."

2.2.27.42 SWC0047 : "Incorrect backup Server Configuration Profile file passphrase provided."

2.2.27.43 SWC0048 : "Unable to validate the backup server configuration Profile image file for this system."

2.2.27.44 SWC0049 : "Unable to continue the Import operation."

2.2.27.45 SWC0050 : "Unable to initiate Import operation."

2.2.27.46 SWC0051 : "Unable to retrieve iDRAC license information."

2.2.27.47 SWC0052 : "Unable to continue with OS Deployment operation."

2.2.27.48 SWC0053 : "File extension is not supported or the Update Package is invalid."

2.2.27.49 SWC0054 : "Unable to save settings."

share folder."

**2.2.27.67 SWC0072 : "Unable to export the Tech Support Report to destination folder."**

**2.2.27.68 SWC0073 : "Unable to start operation with the current iDRAC version."**

**2.2.27.69 SWC0074 : "Unable to start operation with the current iDRAC version."**

**2.2.27.70 SWC0075 : "Unable to perform RAID operations because the selected controller is in HBA mode."**

**2.2.27.71 SWC0076 : "The following iDRAC internal storage partitions present in the system were not mounted during the system startup: <partitions>"**

When event is generated, message will have the following substitutions:

- <partitions> = "Partitions"

2.2.27.72 SWC0077 : "Unable to initiate the Repurpose or Retire System operation."

2.2.27.73 SWC0101 : "Unable to read available log records."

2.2.27.74 SWC0102 : "The -m option is not supported by the interface being used."

2.2.27.75 SWC0103 : "The -E option is not valid for the specified log."

2.2.27.76 SWC0104 : "The -R option is not valid for the specified log."

2.2.27.77 SWC0105 : "Invalid -m option. Try --more or refer help for proper usage"

2.2.27.78 SWC0106 : "The -u option is not supported on the current RAC configuration."

2.2.27.79 SWC0107 : "More than one option is not allowed with this command."

2.2.27.80 SWC0108 : "The service tag is not currently populated."

2.2.27.81 SWC0109 : "No process information is currently available."

2.2.27.82 SWC0110 : "No build information is currently available."

2.2.27.83 SWC0111 : "A server action command must be specified."

2.2.27.84 SWC0112 : "Timeout while waiting for server to perform requested power action."

2.2.27.85 SWC0113 : "The -6 option can only be used in combination with the -d or -s option."

2.2.27.86 SWC0114 : "The -o option cannot be used with any other options."

2.2.27.87 SWC0115 : "The -s option cannot be used with any other options."

2.2.27.88 SWC0116 : "The -s option requires IP address, subnet mask, and gateway."

2.2.27.89 SWC0117 : "Invalid syntax. Both -f and -t must be specified."

2.2.27.90 SWC0118 : "Invalid syntax. -f must be specified."

2.2.27.91 SWC0119 : "Invalid certificate type specified with -t option."

2.2.27.92 SWC0120 : "Invalid syntax. Certificate type (-t) must be specified."

2.2.27.93 SWC0121 : "Invalid syntax. User index (-i) must be specified."

2.2.27.94 SWC0122 : "Invalid syntax. SSL key type (-t) must be specified."

2.2.27.95 SWC0123 : "The -s option is not valid with any other options."

2.2.27.96 SWC0124 : "The -u option requires -f to be specified."

2.2.27.97 SWC0125 : "Unable to generate CSR."

142

2.2.27.98 SWC0126 : "Unable to download CSR file."

2.2.27.99 SWC0127 : "Unable to open file for writing."

2.2.27.100 SWC0128 : "The Common Name (CN) field of the CSR Security group must\nbe

configured before a CSR can be generated."

**2.2.27.101 SWC0129 :** "Unable to send test email. Please make sure that your email alerts  
have been configured correctly and connectivity to the SMTP server exists."

**2.2.27.102 SWC0130 :** "Trap at specified index is not currently enabled."

**2.2.27.103 SWC0131 :** "Trap destination address must be configured."

**2.2.27.104 SWC0132 :** "Unable to send test trap. Please make sure that your trap  
has been configured correctly and connectivity to the destination endpoint exists."

**2.2.27.105 SWC0133 :** "Either connect or disconnect must be specified."

**2.2.27.106 SWC0134 :** "The RAC log was cleared successfully"

**2.2.27.107 SWC0135 :** "The SEL was cleared successfully"

**2.2.27.108 SWC0136 :** "Object value modified successfully"

**2.2.27.109 SWC0137 :** "The coredump was deleted successfully"

**2.2.27.110 SWC0138 :** "Coredump request completed successfully"

**2.2.27.111 SWC0139 :** "Total Records: <Number of Records>"

When event is generated, message will have the following substitutions:

- <Number of Records> = "200"

2.2.27.112 SWC0140 : "RAC reset operation initiated successfully. It may take up to a minute  
for the RAC to come back online again."

2.2.27.113 SWC0141 : "Certificate successfully downloaded from the RAC"

2.2.27.114 SWC0143 : "SSL key successfully uploaded to the RAC."

2.2.27.115 SWC0144 : "Certificate successfully uploaded to the RAC. The RAC will now reset  
into enable the new certificate and may be offline temporarily."

2.2.27.116 SWC0145 : "A CSR was generated successfully"

2.2.27.117 SWC0146 : "Last ASR screen was cleared successfully"

2.2.27.118 SWC0147 : "ASR request completed successfully"

2.2.27.119 SWC0148 : "Test email sent successfully"

2.2.27.120 SWC0149 : "Test trap sent successfully."

2.2.27.121 SWC0150 : "Object value is valid"

2.2.27.122 SWC0151 : "RAC configuration saved to file successfully"

2.2.27.123 SWC0152 : "RAC configuration from file completed successfully"

2.2.27.124 SWC0153 : "RAC configuration file is valid"

2.2.27.125 SWC0154 : "Generating CSR. Please wait..."

2.2.27.126 SWC0155 : "CSR generated and downloaded from RAC successfully"

2.2.27.127 SWC0156 : "CSR file downloaded from RAC successfully"

2.2.27.128 SWC0157 : "User certificate successfully uploaded to the RAC."

2.2.27.129 SWC0158 : "User CA certificate successfully uploaded to the RAC."

2.2.27.130 SWC0159 : "Kerberos Keytab successfully uploaded to the RAC."

2.2.27.131 SWC0160 : "PK SSH Authentication Key file successfully uploaded to the RAC."

2.2.27.132 SWC0161 : "PK SSH Authentication operation completed successfully."

2.2.27.133 SWC0201 : "All keys successfully deleted"

2.2.27.134 SWC0202 : "Key successfully deleted"

2.2.27.135 SWC0203 : "Key file successfully uploaded"

2.2.27.136 SWC0204 : "Key text successfully uploaded"

2.2.27.137 SWC0205 : "Upload an SSL key to the RAC"

2.2.27.138 SWC0206 : "View user certificate information"

2.2.27.139 SWC0207 : "Display the version info of RACADM"

2.2.27.140 SWC0208 : "Disconnect Virtual Media connections"



know Remote File Share is ENABLED or DISABLED."

2.2.27.148 SWC0216 : "The -c option requires -l to also be specified."

2.2.27.149 SWC0217 : "The -c option requires -u to also be specified."

2.2.27.150 SWC0218 : "The -c option requires -p to also be specified."

2.2.27.151 SWC0219 : "The -p option requires -c to also be specified."

2.2.27.152 SWC0220 : "The -u option requires -c to also be specified."

2.2.27.153 SWC0221 : "The -l option requires -c to also be specified."

2.2.27.154 SWC0222 : "Invalid syntax. The -d option is not valid with -c."

2.2.27.155 SWC0223 : "Invalid syntax. The -d option is not valid with -p."

2.2.27.156 SWC0224 : "Invalid syntax. The -d option is not valid with -u."

2.2.27.157 SWC0225 : "Invalid syntax. The -d option is not valid with -l."

2.2.27.158 SWC0226 : "No valid directory service certificate exists"

2.2.27.159 SWC0227 : "Partition label exceeds maximum limit of 6 alphanumeric characters."

2.2.27.160 SWC0228 : "Partition label must be an alphanumeric character string."

2.2.27.161 SWC0229 : "Some Necessary tag(s) are missing: -i -o -e -t -f & -s must be specified for create partition."

2.2.27.162 SWC0230 : "vFlash not enabled."

2.2.27.163 SWC0231 : "Partition of type \"image\" not supported on local racadm."

2.2.27.164 SWC0232 : "Remote RACADM commands are not supported on this iDRAC. To upgrade your iDRAC version, contact your service provider."

2.2.27.165 SWC0233 : "No indexes are available to configure additional groups."

2.2.27.166 SWC0234 : "Remote host is not reachable or connection is interrupted."

2.2.27.167 SWC0235 : "All keys successfully deleted."

2.2.27.168 SWC0236 : "Key successfully deleted."

2.2.27.169 SWC0237 : "Key text appears to be corrupted."

2.2.27.170 SWC0238 : "Key is too long."

2.2.27.171 SWC0239 : "The requested object is not allowed to be configured if IPv6

**AutoConfig is enabled."**

**2.2.27.172 SWC0240 : "The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled"**

**2.2.27.173 SWC0241 : "Power Cap Enable not set. Unable to modify this property"**

**2.2.27.174 SWC0242 : "A required license is missing or expired. Obtain an appropriate license and try again, or contact your service provider for additional details."**

**2.2.27.175 SWC0243 : "Certificate regenerated successfully and webserver restarted"**

**2.2.27.176 SWC0244 : "Invalid Fully Qualified Device Descriptor (FQDD)."**

**2.2.27.177 SWC0245 : "Failed to set object value because local configuration using RACADM is disabled."**

**2.2.27.178 SWC0246 : "Value specified is invalid: Valid range is <index>."**

When event is generated, message will have the following substitutions:

- <index> = "Unknown"

**2.2.27.179 SWC0247 : "Invalid subcommand specified."**

**2.2.27.180 SWC0248 : "Invalid command syntax."**

**2.2.27.181 SWC0249 : "Invalid syntax. The requested subcommand requires -i <index> to be specified."**

When event is generated, message will have the following substitutions:

- <index> = "1"

**2.2.27.182 SWC0250 : "Invalid syntax. The specified subcommand does not require any options."**

**2.2.27.183 SWC0251 : "Invalid index value. Only index values <number> - <number> are permitted."**

When event is generated, message will have the following substitutions:

- <number> = "0"
- <number> = "32"

2.2.27.184 SWC0252 : "No options were specified. The subcommand requires options to be used."

2.2.27.185 SWC0253 : "Unable to allocate memory needed to perform operation."

2.2.27.186 SWC0254 : "Unable to perform requested operation. \nIf the operation attempted was to configure DRAC, possible reason may be that \nLocal Configuration using RACADM is disabled."

2.2.27.187 SWC0255 : "Unable to open file."

2.2.27.188 SWC0256 : "Unable to read file."

2.2.27.189 SWC0257 : "Invalid syntax. Too many options specified."

2.2.27.190 SWC0258 : "Insufficient resources to perform operation."

2.2.27.191 SWC0259 : "Invalid group specified."

2.2.27.192 SWC0260 : "Invalid object specified."

2.2.27.193 SWC0261 : "The specified option is not supported with the interface being used."

2.2.27.194 SWC0262 : "Unable to perform operation. Please make sure RAC controller and \nappropriate IPMI drivers are installed."

2.2.27.195 SWC0263 : "Specified path is too long."

2.2.27.196 SWC0264 : "Resource currently in use by another process. Please retry again later."

2.2.27.197 SWC0265 : "This option is not supported on this type of DRAC."

2.2.27.198 SWC0266 : "Unable to perform the requested operation. Make sure SD card is inserted."

2.2.27.199 SWC0267 : "Unable to perform the requested operation. Make sure a non write protected SD card is inserted."

2.2.27.200 SWC0268 : "There is no ASR screen currently available to clear"

2.2.27.201 SWC0269 : "Unable to clear the RAC log. \nPossible reason may be that Local Configuration using RACADM is disabled."

2.2.27.202 SWC0270 : "Unable to clear the SEL. \nPossible reason may be that Local Configuration using RACADM is disabled."

2.2.27.203 SWC0271 : "Invalid syntax. The -f option is only valid with -p and -c."

2.2.27.204 SWC0272 : "Invalid syntax. The -g option is only valid with -o, -i, and -c."

2.2.27.205 SWC0273 : "Invalid syntax. The -g option requires -o to also be specified."

2.2.27.206 SWC0274 : "Invalid syntax. An object value must be specified."

2.2.27.207 SWC0275 : "Invalid syntax. The -c option is only valid with -f or -g."

2.2.27.208 SWC0276 : "Invalid syntax. The -p option is only valid with -f."

- <index> = "1"

**2.2.27.213 SWC0281 : "The specified object is READ ONLY and cannot be modified."**

**2.2.27.214 SWC0282 : "The specified object is READ ONLY for this index and cannot be modified."**

**2.2.27.215 SWC0283 : "The specified object value is not valid."**

**2.2.27.216 SWC0284 : "Failed to set the object value. \nPossible reason may be that Local Configuration using RACADM is disabled."**

**2.2.27.217 SWC0285 : "Object value is invalid."**

**2.2.27.218 SWC0286 : "Modifying the user configuration at index 1 is not allowed."**

**2.2.27.219 SWC0287 : "Invalid entry in configuration file."**

**2.2.27.220 SWC0288 : "Object <object name> in <group name> group must be specified. Line: <line no.>"**

When event is generated, message will have the following substitutions:

- <object name> = "NICSelection"
- <group name> = " Network"
- <line no.> = " 15"

**2.2.27.221 SWC0289 : "Invalid value in config file. Group: <Group Name>, Object: <Object Name>, Value: \"<Value>\", Line [<Line No.>]"**

When event is generated, message will have the following substitutions:

- <Group Name> = "Network"
- <Object Name> = " NICSelection"
- <Value> = " badvalue"
- <Line No.> = " 15"

**2.2.27.222 SWC0290 : "Failed to configure object. Group: <Group Name>, Object : <Object Name>"**

When event is generated, message will have the following substitutions:

- <Group Name> = "Network"
- <Object Name> = " NICSelection"

**2.2.27.223 SWC0291 : "Another object exists with the specified value. Duplicate values are \nnot allowed for the requested object."**

**2.2.27.224 SWC0292 : "The specified object at index <index number> does not exist."**

When event is generated, message will have the following substitutions:

- <index number> = "1"

2.2.27.225 SWC0293 : "The specified object is not recognized by iDRAC."

2.2.27.226 SWC0294 : "Invalid group name specified."

2.2.27.227 SWC0295 : "Invalid object name specified."

2.2.27.228 SWC0296 : "The specified value is not allowed to be configured if the user name \nor password is blank."

2.2.27.229 SWC0297 : "Unable to remove passwords because file could not be saved."

2.2.27.230 SWC0298 : "The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMIoverLAN is disabled by force and cannot be enabled."

2.2.27.231 SWC0299 : "The Destination Email Address is invalid."

2.2.27.232 SWC0300 : "There is no coredump currently available."

2.2.27.233 SWC0301 : "The specified IP address is not valid."

2.2.27.234 SWC0302 : "The -s option is not valid with any other option."

2.2.27.235 SWC0303 : "The -r option is not valid with any other option."

2.2.27.236 SWC0304 : "The -g option requires -u to also be specified."

2.2.27.237 SWC0305 : "The -p option requires -u to also be specified."

2.2.27.238 SWC0306 : "The -a option requires -g and -u to also be specified."

2.2.27.239 SWC0307 : "The -d option requires -p or -g to also be specified."

2.2.27.240 SWC0308 : "The -d option requires -g to also be specified."

2.2.27.241 SWC0309 : "The -p option is not supported with the interface being used."

2.2.27.242 SWC0310 : "Invalid syntax. The -f is not valid with the option specified."

2.2.27.243 SWC0311 : "Invalid syntax. The -g option is only valid with -i and -o options."

2.2.27.244 SWC0312 : "Invalid syntax. The -u option is not valid with any other options."

2.2.27.245 SWC0313 : "Invalid syntax. The -h option is not valid with any other options."

2.2.27.246 SWC0314 : "Invalid syntax. The -o option requires -g to be specified also."

2.2.27.247 SWC0315 : "Failed to get object value."

2.2.27.248 SWC0316 : "The index must be greater than 0."

2.2.27.249 SWC0317 : "The number of records to display must be greater than zero."

150

2.2.27.250 SWC0318 : "The starting record must be greater than zero."

2.2.27.251 SWC0319 : "The -i option is not valid with any other options."

2.2.27.252 SWC0320 : "Unable to get the number of records available."

in read-only mode."

**2.2.27.261 SWC0722 : "Error occurred while resetting to defaults. The reset command was not accepted."**

**2.2.27.262 SWC0723 : "Error occurred while Resetting to defaults. The Reset status is not available."**

**2.2.27.263 SWC0724 : "Error occurred while Resetting to defaults due to a timeout."**

**2.2.27.264 SW0725 : "iDRAC7 communication failure."**

**2.2.27.265 SWC1903 : "RAC SSL Certificate has been changed."**

**2.2.27.266 SWC1905 : "RAC Virtual Console configuration has been changed."**

**2.2.27.267 SWC1909 : "User ID <username> RAC Privilege has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**2.2.27.268 SWC1910 : "User ID <username> User Name has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**2.2.27.269 SWC1911 : "User ID <username> User Password has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**2.2.27.270 SWC1912 : "User ID <username> User Access Right has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**2.2.27.271 SWC1913 : "Network Time Protocol configuration is enabled."**

**2.2.27.272 SWC1914 : "Network Time Protocol configuration is disabled."**

**2.2.27.273 SWC1915 : "iDRAC time zone has changed."**

**2.2.27.274 SWC1917 : "HTTPS redirection is disabled."**

**2.2.27.275 SWC1918 : "HTTPS redirection is enabled."**

**2.2.27.276 SWC1922 : "User <user name> has successfully modified the server configuration by using Quick Sync."**

When event is generated, message will have the following substitutions:

- <user name> = "UserName"

**2.2.27.277 SWC1925 : "The iDRAC Quick Sync access feature is set to the Disabled mode."**

**2.2.27.278 SWC1926 : "The iDRAC Quick Sync interface is enabled."**

**2.2.27.279 SWC1927 : "The iDRAC Quick Sync access feature is set to the read-only mode."**

**2.2.27.280 SWC1928 : "The iDRAC Quick Sync access feature is set to the read-write mode."**

**2.2.27.281 SWC1929 : "The iDRAC Quick Sync inactivity timeout value is set to <timeout period>."**

When event is generated, message will have the following substitutions:

- <timeout period> = "Timeout"

**2.2.27.282 SWC1930 : "The iDRAC Quick Sync inactivity timeout feature is enabled."**

**2.2.27.283 SWC1931 : "The iDRAC Quick Sync inactivity timeout configuration is disabled."**

**2.2.27.284 SWC8619 : "The Chassis Management Controller is unable to process data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**2.2.27.285 SWC8620 : "The Chassis Management Controller is unable to communicate with the iDRAC in server slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**2.2.27.286 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**2.2.27.287 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"



## **2.2.28 Subcategory= System Info [MessageID prefix =SYS]**

**2.2.28.1 SYS001 : "The operation was successful."**

**2.2.28.2 SYS002 : "Unable to perform the operation due to an unknown error in iDRAC."**

**2.2.28.3 SYS003 : "Missing parameters: <parameter names>."**

When event is generated, message will have the following substitutions:

- <parameter names> = "parameter name"

**2.2.28.4 SYS004 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**2.2.28.5 SYS005 : "AttributeName array and AttributeValue array element count mismatch."**

**2.2.28.6 SYS006 : "Unable to set read only attribute: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.7 SYS007 : "Input out of range for <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.8 SYS008 : "Invalid boolean in value for attribute: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.9 SYS009 : "String exceeds maximum length for attribute: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.10 SYS010 : "Invalid character in value for attribute: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.11 SYS011 : "Pending configuration values are already committed, unable to perform another set operation."**

**2.2.28.12 SYS012 : "User privileges are not sufficient to perform operation."**

**2.2.28.13 SYS013 : "Invalid attribute name: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.14 SYS014 : "Invalid value for attribute: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.15 SYS015 : "Job created successfully."**

**2.2.28.16 SYS016 : "Job completed with errors"**

**2.2.28.17 SYS017 : "Job did not complete successfully."**

**2.2.28.18 SYS018 : "Job completed successfully."**

**2.2.28.19 SYS019 : "Required dependency input not found."**

**2.2.28.20 SYS020 : "Invalid required Attribute value."**

**2.2.28.21 SYS021 : "Unable to set the value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**2.2.28.22 SYS022 : "Resource allocation failure."**

**2.2.28.23 SYS023 : "No configuration changes pending."**

**2.2.28.24 SYS024 : "Attribute dependency checking did not complete successfully."**

**2.2.28.25 SYS025 : "Unable to delete pending configuration."**

**2.2.28.26 SYS029 : "Unsupported parameter name <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**2.2.28.27 SYS030 : "Collecting component configuration information."**

**2.2.28.28 SYS031 : "Updating component configuration."**

**2.2.28.29 SYS032 : "Staged component configuration is complete."**

**2.2.28.30 SYS033 : "Staged component configuration completed with errors."**

**2.2.28.31 SYS034 : "Performing component configuration for: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "NIC.Integrated.1-1.1"

**2.2.28.32 SYS035 : "Some configuration values were not applied to: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "BIOS.Setup.1-1"

**2.2.28.33 SYS036 : "Unable to apply the configuration to the component."**

**2.2.28.34 SYS037 : "Component update initialization failure."**

**2.2.28.35 SYS038 : "Missing or corrupt configuration information."**

**2.2.28.36 SYS039 : "Verification of requested configuration changes failed."**

**2.2.28.37 SYS040 : "The firmware update operation did not complete successfully."**

**2.2.28.38 SYS041 : "Unable to apply some component configuration values."**

**2.2.28.39 SYS042 : "Component configuration successfully completed."**

**2.2.28.40 SYS043 : "Successfully exported system configuration XML file."**

**2.2.28.41 SYS044 : "Unable to export one or more component configurations."**

**2.2.28.42 SYS045 : "Unable to copy the system configuration XML file to the network share."**

**2.2.28.43 SYS046 : "Unable to import the system configuration XML file from the network share."**

**2.2.28.44 SYS047 : "Input file for system configuration XML is not compliant with configuration schema."**

**2.2.28.45 SYS048 : "System configuration XML input file contains invalid characters, <character> at line <line>."**

When event is generated, message will have the following substitutions:

- <character> = "invalidchar"

- <line> = "linenumber"

**2.2.28.46 SYS050 : "The system configuration XML file for import configuration is not compliant with schema nesting checks."**

**2.2.28.47 SYS051 : "The system could not be shut down within the specified time."**

**2.2.28.48 SYS052 : "Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied."**

**2.2.28.49 SYS053 : "Successfully imported and applied system configuration XML file."**

**2.2.28.50 SYS054 : "No configuration changes requiring a system restart need to be applied."**

**2.2.28.51 SYS055 : "Import of system configuration XML file operation completed with errors."**

**2.2.28.52 SYS056 : "Waiting for the system to shut down."**

**2.2.28.53 SYS057 : "Exporting system configuration XML file."**

**2.2.28.54 SYS058 : "Applying configuration changes."**

**2.2.28.55 SYS059 : "Component configuration successfully changed."**

**2.2.28.56 SYS060 : "Component configuration completed with errors."**

**2.2.28.57 SYS061 : "Unable to complete component configuration."**

**2.2.28.58 SYS062 : "Input file for import configuration operation is invalid. The expected XML root element was not found."**

**2.2.28.59 SYS063 : "Input file for import configuration operation is invalid. The expected root element was not closed."**

**2.2.28.60 SYS064 : "Input file for import configuration operation is invalid at line <line>."**

When event is generated, message will have the following substitutions:

- <line> = "lineNum"

2.2.28.61 SYS065 : "Input file for import configuration operation cannot be found or opened."

2.2.28.62 SYS066 : "No changes detected for iDRAC, System, or Lifecycle Controller configuration."

2.2.28.63 SYS067 : "Unable to complete application of configuration XML file values."

2.2.28.64 SYS068 : "Configuration changes that require system reboot were not applied."

2.2.28.65 SYS069 : "No changes were applied since the current component configuration matched the requested configuration."

2.2.28.66 SYS070 : "Configuration changes that require system reboot were not applied."

2.2.28.67 SYS071 : "System configuration XML export operation timed-out."

2.2.28.68 SYS072 : "System configuration XML import operation timed-out."

2.2.28.69 SYS073 : "Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the configuration XML."

2.2.28.70 SYS074 : "Unable to apply configuration changes because another configuration job is in progress."

2.2.28.71 SYS075 : "Unable to perform the import operation because the specified file does not exist on the remote share."

2.2.28.72 SYS076 : "Invalid or unsupported component specified in the input configuration XML file."

2.2.28.73 SYS077 : "Unable to perform the preview operation because the specified file does not exist on the remote share."

2.2.28.74 SYS078 : "Unable to retrieve the system configuration XML file from the network share for preview."

2.2.28.75 SYS079 : "The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema."

2.2.28.76 SYS080 : "Preview of system configuration XML file import operation indicated that no configuration changes will be successful."

2.2.28.77 SYS081 : "Successfully previewed system configuration XML file import operation."

2.2.28.78 SYS082 : "Completed the preview of system configuration XML file import operation. Some changes specified in the configuration XML will not be successfully applied in an import operation."

2.2.28.79 SYS087 : "A system reboot will occur when the previewed configuration XML file is

imported to the system."

**2.2.28.80 SYS088 : "Estimated time for applying configuration changes is <configuration time> seconds."**

When event is generated, message will have the following substitutions:

- <configuration time> = "seconds"

**2.2.28.81 SYS089 : "Preview of system configuration XML file is complete."**

**2.2.28.82 SYS090 : "The configuration XML input file contains unsupported DOCTYPE tags."**

**2.2.28.83 SYS091 : "Unable to complete the operation because the method is not supported."**

**2.2.28.84 SYS097 : "The state of Lifecycle Controller is disabled by the configuration XML import operation."**

**2.2.28.85 SYS100 : "Unable to find an FQDD match for the token <tokenname>"**

When event is generated, message will have the following substitutions:

- <tokenname> = "tokenname"

**2.2.28.86 SYS141 : "Lifecycle Controller data is deleted."**

**2.2.28.87 SYS142 : "The OS driver pack is deleted."**

**2.2.28.88 SYS143 : "ePSA Diagnostics are deleted."**

**2.2.28.89 SYS144 : "Starting controller hardware cache data erase operations."**

**2.2.28.90 SYS145 : "vFlash SD Card data is deleted."**

**2.2.28.91 SYS146 : "Starting secure erase-capable drive erase operations."**

**2.2.28.92 SYS147 : "Starting non-secure erase-capable drive erase operations."**

**2.2.28.93 SYS148 : "BIOS is configured to reset to defaults on next system restart."**

**2.2.28.94 SYS149 : "The process of resetting iDRAC to default settings is initiated."**

**2.2.28.95 SYS150 : "Starting System Erase operation. Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**2.2.28.96 SYS151 : "Completed System Erase Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**2.2.28.97 SYS152 : "Erase operations for some System Erase tasks did not complete successfully."**

**2.2.28.98 SYS153 : "Deleting hardware cache data for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**2.2.28.99 SYS154 : "Initiating secure erase operation on secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**2.2.28.100 SYS155 : "Initiating clear operation on non-secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

2.2.28.101 SYS156 : "Erase operations for System Erase tasks successfully completed."

2.2.28.102 SYS157 : "Unable to successfully complete requested System Erase tasks."

2.2.28.103 SYS158 : "Hardware cache erase is unsuccessful."

2.2.28.104 SYS159 : "vFlash SD Card erase unsuccessful."

2.2.28.105 SYS160 : "The Lifecycle Controller logs are cleared."

2.2.28.106 SYS161 : "Tech Support Report related non-volatile storage deleted."

2.2.28.107 SYS162 : "Turning on the server to perform System Erase tasks."

2.2.28.108 SYS163 : "The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts."

2.2.28.109 SYS164 : "Access to Lifecycle Controller internal storage was not acquired."

2.2.28.110 SYS168 : "Unable to complete the System Erase job because another operation is in progress."

2.2.28.111 SYS170 : "The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together."

2.2.28.112 SYS171 : "Unable to successfully complete the import operation because not all hash password values have been entered."

2.2.28.113 SYS175 : "No device configuration could be identified for the specified FQDDs."

2.2.28.114 SYS176 : "Unable to update the OSApp Health Data using the iSM OS Collector plugin option because the relevant service module is not running"

## **2.2.29 Subcategory= Test Alert [MessageID prefix =TST]**

2.2.29.1 TST100 : "The operation was successful."

2.2.29.2 TST101 : "Resource allocation failure."

2.2.29.3 TST102 : "Email alert destination address not configured."

2.2.29.4 TST103 : "Missing parameters <parameter names>"

When event is generated, message will have the following substitutions:

- <parameter names> = "parameter names"



**2.2.29.5 TST104 : "SNMP traps not configured."**

**2.2.29.6 TST105 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**2.2.29.7 TST106 : "Email alert destination address not configured."**

## **2.2.30 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**2.2.30.1 UEFI0027 : "The system must be restarted for the new license to become effective."**

**2.2.30.2 UEFI0030 : "A keyboard device is not connected to the system."**

**2.2.30.3 UEFI0033 : "Default system BIOS settings are in use because NVRAM\_CLR jumper is installed on the system board."**

**2.2.30.4 UEFI0035 : "The BIOS passwords are disabled because the PWRD\_EN jumper is removed from the system board."**

**2.2.30.5 UEFI0042 : "Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid."**

**2.2.30.6 UEFI0043 : "Unable to enable the TXT feature because the processor does not support TXT."**

**2.2.30.7 UEFI0044 : "Unable to enable the TXT feature because the motherboard chipset does not support TXT."**

**2.2.30.8 UEFI0045 : "Unable to enable the TXT feature because a TPM chip is not present."**

**2.2.30.9 UEFI0059 : "The Power Supply Units (PSUs) in the system do not match."**

**2.2.30.10 UEFI0060 : "Power required by the system exceeds the power supplied by the Power Supply Units (PSUs)."**

**2.2.30.11 UEFI0068 : "The mezzanine card configuration used is not supported on this Chassis."**

**2.2.30.12 UEFI0071 : "One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled."**

**2.2.30.13 UEFI0072 : "Unable to load the firmware from <device name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <device name> = "Integrated NIC 1 Port 2 partion 1"

**2.2.30.14 UEFI0073 : "Unable to boot <Boot Option name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <Boot Option name> = "Disk connected to USB Front Port 1: Datastick Pro"

**2.2.30.15 UEFI0074 : "The Secure Boot policy has been modified since the last time the system was started."**

**2.2.30.16 UEFI0075 : "Network Daughter Card 1 is not detected."**

**2.2.30.17 UEFI0081 : "Memory size has changed from the last time the system was started."**

**2.2.30.18 UEFI0086 : "Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**2.2.30.19 UEFI0087 : "Unsupported 4Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**2.2.30.20 UEFI0088 : "Unsupported 8Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**2.2.30.21 UEFI0089 : "Incompatible x16 data bus width DIMM is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**2.2.30.22 UEFI0090 : "A DIMM with an incompatible number of ranks is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A6"

**2.2.30.23 UEFI0091 : "A Quad-Rank (QR) DIMM is installed on memory slot: <slot number>. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**2.2.30.24 UEFI0092 : "The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit."**

**2.2.30.25 UEFI0093 : "The DIMM installed on the memory slot: <slot number> does not meet the minimum supported frequency."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**2.2.30.26 UEFI0094 : "Unsupported Non-ECC memory module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A2"

**2.2.30.27 UEFI0095 : "A DIMM with unsupported voltage is installed on memory slot <Slot>."**

When event is generated, message will have the following substitutions:

- <Slot> = "A2"

**2.2.30.28 UEFI0096 : "Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode."**

**2.2.30.29 UEFI0097 : "Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations."**

**2.2.30.30 UEFI0099 : "Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature."**

**2.2.30.31 UEFI0100 : "Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations."**

**2.2.30.32 UEFI0101 : "Total amount of installed memory has exceeded limit."**

**2.2.30.33 UEFI0102 : "Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature."**

**2.2.30.34 UEFI0104 : "The DIMM module on memory slot <slot> is populated out of order in the DIMM channel."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**2.2.30.35 UEFI0105 :** "Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration."

**2.2.30.36 UEFI0113 :** "Unable to enable the Fault Resilient Memory (FRM) feature because the current DIMM population or hardware configuration does not support the feature."

**2.2.30.37 UEFI0114 :** "Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations."

**2.2.30.38 UEFI0124 :** "The size and speed of the secondary SD card do not match those of the primary SD card."

**2.2.30.39 UEFI0126 :** "The primary SD card is in write-protected mode."

**2.2.30.40 UEFI0127 :** "The secondary SD card is in write-protected mode."

**2.2.30.41 UEFI0128 :** "Both the primary and secondary SD cards are in write-protected mode."

**2.2.30.42 UEFI0130 :** "The system time and date are invalid."

**2.2.30.43 UEFI0131 :** "Unable to load one or more option ROMs because of insufficient shadow memory."

**2.2.30.44 UEFI0132 :** "Unable to load one or more option ROMs because of insufficient base memory."

**2.2.30.45 UEFI0133 :** "Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings."

**2.2.30.46 UEFI0134 :** "Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory."

**2.2.30.47 UEFI0143 :** "Unsupported processor(s) are installed."

**2.2.30.48 UEFI0145 :** "The Trusted Platform Module (TPM) installed on this system is not supported."

**2.2.30.49 UEFI0147 :** "The system hardware or cabling configuration is invalid."

## **2.2.31 Subcategory= User Tracking [MessageID prefix =USR]**

**2.2.31.1 USR100 :** "The command was successful."

**2.2.31.2 USR101 :** "Resource allocation failure"

**2.2.31.3 USR102 :** "Invalid parameter value for <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

#### **2.2.31.4 USR103 : "Missing parameters <parameter names>."**

When event is generated, message will have the following substitutions:

- <parameter names> = "PARAM1"

#### **2.2.31.5 USR104 : "Unable to perform the operation due to an unknown error in iDRAC."**

#### **2.2.31.6 USR105 : "The account is not configured."**

### **2.2.32 Subcategory= vFlash Media [MessageID prefix =VF]**

#### **2.2.32.1 VF001 : "Command successful."**

#### **2.2.32.2 VF002 : "General failure"**

#### **2.2.32.3 VF003 : "Missing required parameter: <parameter name>"**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

#### **2.2.32.4 VF004 : "Invalid value for the parameter: <parameter name>"**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

2.2.32.5 VF005 : "Empty partition creation successful"

2.2.32.6 VF006 : "Empty partition creation failed"

2.2.32.7 VF007 : "Image partition creation successful"

2.2.32.8 VF008 : "Image partition creation did not complete successfully."

2.2.32.9 VF009 : "Partition formatting successful"

2.2.32.10 VF010 : "Partition formatting did not complete successfully."

2.2.32.11 VF011 : "Wrong password"

2.2.32.12 VF012 : "SD card not present"

2.2.32.13 VF013 : "SD card locked"

2.2.32.14 VF014 : "vFlash not disabled"

2.2.32.15 VF015 : "vFlash not enabled"

2.2.32.16 VF016 : "SD card is read only"

2.2.32.17 VF017 : "SD card not initialized"

2.2.32.18 VF018 : "Invalid partition index"

2.2.32.19 VF019 : "Not enough space on SD card"

2.2.32.20 VF020 : "Exceeded maximum number of partitions"

2.2.32.21 VF021 : "Exceeded maximum partition size of 4GB"

2.2.32.22 VF022 : "Partition size below minimum"

2.2.32.23 VF023 : "Partition label not unique"

2.2.32.24 VF024 : "Partition locked"

2.2.32.25 VF025 : "Partition is read only"

2.2.32.26 VF026 : "Partition index in use"

2.2.32.27 VF027 : "Partition already attached"

2.2.32.28 VF028 : "Partition already detached"

2.2.32.29 VF029 : "Insufficient permission"

2.2.32.30 VF030 : "Invalid hash type"

2.2.32.31 VF031 : "Invalid partition label."

2.2.32.32 VF032 : "Invalid partition type."

2.2.32.33 VF033 : "Invalid partition format type."

2.2.32.34 VF034 : "Invalid partition access type."

could not be initialized."

**2.2.33.13 VFL0713 :** "One or more partitions are currently attached; the SD card could not be initialized."

**2.2.33.14 VFL0714 :** "SD card is not ready and could not be initialized."

**2.2.33.15 VFL0715 :** "Error occurred while initializing the SD Card due to insufficient permission."

**2.2.33.16 VFL0716 :** "SD Card is not a vFlash SD Card; the SD card could not be initialized."

**2.2.33.17 VFL0719 :** "One or more partitions are in use; the SD card could not be initialized."

**2.2.33.18 VFL0721 :** "Error occurred while initializing the SD Card due to a timeout."

## **2.2.34 Subcategory= Virtual Console [MessageID prefix =VRM]**

**2.2.34.1 VRM0015 :** "Virtual Console is ENABLED"

**2.2.34.2 VRM0016 :** "Virtual Console is DISABLED"

**2.2.34.3 VRM0017 :** "Virtual Media disconnect operation successful"

**2.2.34.4 VRM0018 :** "Virtual Media image server operation successful"

## **2.3 Category: Storage**

### **2.3.1 Subcategory= Battery Event [MessageID prefix =BAT]**

**2.3.1.1 BAT1000 :** "Battery on <controller name> is missing."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.2 BAT1001 :** "Battery on <controller name> was replaced."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.3 BAT1002 :** "The battery on <controller name> learn cycle has started."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.4 BAT1003 : "The battery on <controller name> learn cycle has completed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.5 BAT1004 : "The battery on <controller name> learn cycle has timed out."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.6 BAT1005 : "The battery on <Controller name> learn cycle has been postponed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.7 BAT1006 : "The battery on <Controller name> learn cycle will start in <arg> days."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <arg> = " 5"

#### **2.3.1.8 BAT1007 : "The battery on <Controller name> learn cycle will start in <arg> hours."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <arg> = " 5"

#### **2.3.1.9 BAT1008 : "Write policy on <controller name> was changed to Write Through."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.10 BAT1009 : "Write policy on <controller name> was changed to Write Back."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.11 BAT1010 : "Battery on <Controller name> requires reconditioning. Initiate a learn cycle."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.12 BAT1011 : "Battery on <Controller name> is in warn only mode and requires reconditioning."**

When event is generated, message will have the following substitutions:



- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.13 BAT1012 : "The <Controller name> battery temperature is above normal."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.14 BAT1013 : "Recharge count has exceeded the maximum limit for battery on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.15 BAT1014 : "<Controller name> battery charge in-progress."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.16 BAT1015 : "<Controller name> battery charge process is interrupted."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.17 BAT1016 : "The <Controller name> battery learn mode has changed to Auto."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.18 BAT1017 : "The <Controller name> battery learn mode has changed to Warn."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.19 BAT1018 : "Battery on <Controller name> is degraded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.20 BAT1019 : "Battery on <Controller name> is charging."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.21 BAT1020 : "The <Controller name> battery is executing a learn cycle."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.1.22 BAT1021 : "The charge level for the battery on <controller name> is below the normal threshold."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.23 BAT1022 : "<Controller name> battery recondition is completed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.1.24 BAT1023 : "The charge level for the battery on <controller name> is within normal limits."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.25 BAT1024 : "Errors detected with battery on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.26 BAT1025 : "<controller name> is unable to recover cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.27 BAT1026 : "The <controller name> has recovered cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.28 BAT1027 : "The battery on <controller name> completed a charge cycle."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.29 BAT1028 : "The battery voltage on <controller name> is low."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**2.3.1.30 BAT1029 : "The battery on <controller name> can no longer recharge."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.31 BAT1030 : "The <Controller name> battery charge level is normal."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.1.32 BAT1031 : "The battery temperature on <controller name> is above normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.33 BAT1032 : "The battery temperature on <controller name> is normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.34 BAT1033 : "The battery on <controller name> was removed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.35 BAT1034 : "The battery properties for <controller name> have changed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.1.36 BAT1035 : "The battery temperature on <controller name> is above the normal operating temperature."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.1.37 BAT1036 : "The battery on <controller name> is discharging."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

### **2.3.2 Subcategory= Cable [MessageID prefix =CBL]**

#### **2.3.2.1 CBL8500 : "SAS cable <cable id> to expander <expander id> is not connected."**

When event is generated, message will have the following substitutions:

- <cable id> = ""

#### **2.3.2.2 CBL8501 : "SAS cable <cable id> is connected to the incorrect expander."**

When event is generated, message will have the following substitutions:

- <cable id> = ""

### **2.3.3 Subcategory= Storage Contr [MessageID prefix =CTL]**

#### **2.3.3.1 CTL1 : "<Controller event log: <message>"**

When event is generated, message will have the following substitutions:

- <message> = "A foreign configuration was detected on RAID Controller in Slot 2"

#### **2.3.3.2 CTL2 : "<Controller name> rebuild rate has changed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.3 CTL3 : "<Controller name> alarm is enabled."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.4 CTL4 : "<Controller name> alarm is disabled."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.5 CTL5 : "Bad block replacement error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.6 CTL6 : "Bad block sense error from <Controller name>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.7 CTL7 : "Bad block medium error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.8 CTL8 : "Bad block extended sense error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.9 CTL9 : "Bad block extended medium error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.10 CTL10 : "<Controller name> alarm has been tested."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.11 CTL11 : "Configuration on <controller name> was reset."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.12 CTL12 : "An invalid SAS configuration has been detected on <Controller name>. Details: <error message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <error message> = "SAS topology error: SMP function failed"

#### **2.3.3.13 CTL13 : "The <Controller name> cache has been discarded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.14 CTL14 : "Single-bit ECC error limit exceeded on the <controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.15 CTL16 : "None of the <Controller name> properties are set."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.16 CTL17 : "<Controller Name> <propertyname> is changed to <new value>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"
- <propertyname> = "rebuildrate"
- <new value> = "50%"

#### **2.3.3.17 CTL18 : "Load Balance and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.18 CTL19 : "Abort CC on Error, Copyback, and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.19 CTL20 : "Copyback and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.20 CTL21 : "Abort CC on Error and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.21 CTL22 : "Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.22 CTL23 : "Copyback and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.23 CTL24 : "Abort CC on Error and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.24 CTL25 : "Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.25 CTL26 : "Copyback and Abort CC on Error has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.26 CTL27 : "The <Controller name> alarm is silenced."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.27 CTL28 : "The Background Initialization (BGI) rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.28 CTL29 : "The Patrol Read rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.29 CTL30 : "The Check Consistency rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.30 CTL31 : "Copyback is modified for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.31 CTL32 : "Abort CC on Error is modified for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.32 CTL33 : "The <Controller name> debug log file has been exported."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.33 CTL34 : "A foreign configuration was cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.34 CTL35 : "A foreign configuration was imported on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.35 CTL36 : "The Patrol Read mode has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.36 CTL37 : "A Patrol Read operation started for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.37 CTL38 : "The Patrol Read operation completed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.38 CTL39 : "The <Controller name> reconstruct rate has changed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.39 CTL40 : "Multi-bit ECC error on <Controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.40 CTL41 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.41 CTL42 : "Enclosure Management Module (EMM) hot plug is not supported on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.42 CTL43 : "Diagnostic message <args> from <Controller name>"**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.43 CTL44 : "Diagnostic message <message> from <Controller name>"**

When event is generated, message will have the following substitutions:

- <message> = "BBU Retention test failed!"
- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.44 CTL45 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.45 CTL46 : "Single-bit ECC error. The <Controller name> DIMM is critically degraded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.46 CTL47 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.47 CTL48 : "A foreign configuration was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"



#### **2.3.3.48 CTL49 : "The NVRAM has corrupted data on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.49 CTL50 : "The <Controller name> NVRAM has corrupt data."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.50 CTL51 : "<Controller name> SAS port report: <message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <message> = "SAS wide port 0 lost link on PHY 0"

#### **2.3.3.51 CTL52 : "<Controller name> SAS port report: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented."

#### **2.3.3.52 CTL53 : "A controller hot plug has been detected."**

#### **2.3.3.53 CTL54 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **2.3.3.54 CTL55 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **2.3.3.55 CTL56 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **2.3.3.56 CTL57 : "The factory default settings were restored on <controller Name>."**

When event is generated, message will have the following substitutions:

- <controller Name> = "RAID Controller in Slot 5"

#### **2.3.3.57 CTL58 : "<Controller name> SAS SMP communications error <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **2.3.3.58 CTL59 : "<Controller name> SAS expander error: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **2.3.3.59 CTL60 : "A user has discarded data from the <Controller name> cache."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.60 CTL61 : "Physical disks found missing from configuration during boot time on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.61 CTL62 : "<VD names> on <Controller name> has missing drives and will go offline at boot."**

When event is generated, message will have the following substitutions:

- <VD names> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

#### **2.3.3.62 CTL63 : "Previous configuration was found completely missing during time boot on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.63 CTL64 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

#### **2.3.3.64 CTL65 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"

- <Controller name> = " RAID Controller in Slot 5"

**2.3.3.65 CTL66 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

**2.3.3.66 CTL67 : "Attempted to import Virtual Disk with missing span on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.67 CTL68 : "Attempted to import Virtual Disk with missing Physical Disk on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.68 CTL69 : "Attempted to import virtual disk with outdated physical disk information on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.69 CTL70 : "Attempted to import an orphan drive on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.70 CTL71 : "Attempted to import an incompatible Physical Disk on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.71 CTL72 : "The foreign configuration overflow has occurred on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.72 CTL73 : "Foreign configuration is imported only partially. Some configurations failed to import on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**2.3.3.73 CTL74 : "Preserved cache detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.74 CTL75 : "Preserved cache discarded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.75 CTL76 : "A configuration command could not be committed to disk on <Controller name>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **2.3.3.76 CTL77 : "Flash of new firmware image(s) completed on <Controller Name>"**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"

#### **2.3.3.77 CTL78 : "Firmware image <args> is flashing on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <args> = "21.0.1-0132"
- <Controller Name> = "RAID Controller in Slot 5"

#### **2.3.3.78 CTL79 : "Controller in <controller slot> is not supported and will not be powered on."**

When event is generated, message will have the following substitutions:

- <controller slot> = "RAID Controller in Slot 5"

#### **2.3.3.79 CTL80 : "<controller name> experienced the following warning during startup: <controller message>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

#### **2.3.3.80 CTL81 : "Security key assigned to <controller name> is modified."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.81 CTL82 : "<controller name> is functioning normally."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.82 CTL83 : "Communication with <controller name> has been lost."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.83 CTL84 : "<controller name> is running an unsupported firmware version."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.84 CTL85 : "<controller name> is operating at less than optimal bandwidth."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.85 CTL86 : "<controller name> is operating in Fault Tolerant Mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.86 CTL87 : "<controller name> settings do not match the settings of its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.87 CTL88 : "<controller name> firmware does not match the firmware of its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.88 CTL89 : "<controller name> is no longer fault tolerant because the peer controller is not available."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.89 CTL90 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.90 CTL91 : "<controller name> is unable to communicate with its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.91 CTL92 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 6"

#### **2.3.3.92 CTL93 : "<controller name> has been successfully changed to operate in Fault Tolerant mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.93 CTL94 : "<controller name> has been successfully changed to operate in single controller mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.94 CTL95 : "<controller name> has left the fault tolerant pair."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.95 CTL96 : "<controller name> has entered safe mode with limited functionality due to <controller message>"**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

#### **2.3.3.96 CTL97 : "<controller name> personality changed to <new mode> mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <new mode> = " HBA"

#### **2.3.3.97 CTL98 : "Security key assigned to <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.98 CTL99 : "Security key assigned to <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.99 CTL100 : "The Patrol Read operation aborted for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.100 CTL101 : "The <controller name> is disabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.101 CTL102 : "The <controller name> is enabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.3.102 CTL200 : "The current firmware version <version number> is older than the required version <version number> for <controller name>."**

When event is generated, message will have the following substitutions:

- <version number> = "5.1.10.10"
- <version number> = "5.1.10.15"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.103 CTL201 : "The current driver version <major version number> (<minor version number>) is older than the required driver version <major version number> (<minor version number>) for <controller name>."**

When event is generated, message will have the following substitutions:

- <major version number> = "4.17.02.32"
- <minor version number> = "percsas"
- <major version number> = "4.17.02.35"
- <minor version number> = "percsas"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.104 CTL202 : "Unable to open the firmware and driver configuration file <file name> of <controller name>."**

When event is generated, message will have the following substitutions:

- <file name> = "lsiver.cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.105 CTL203 : "Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.106 CTL204 : "Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.107 CTL205 : "Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.108 CTL206 : "Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.109 CTL207 : "Unable to import the Virtual Disk because the supported limit is exceeded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.110 CTL208 : "Unable to authenticate the entered passphrase for the <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.111 CTL209 : "Enabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.112 CTL210 : "Disabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.113 CTL211 : "The <property name> property changed on <controller name> through Manage Physical Disk Power option."**

When event is generated, message will have the following substitutions:

- <property name> = "timeinterval"
- <controller name> = " Controller 1 (PERC H800 Adapter)"

**2.3.3.114 CTL212 : "The existing encryption key in the <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.115 CTL213 : "The Local Key Management (LKM) is enabled on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.3.116 CTL214 : "The Local Key Management (LKM) encryption key in the <controller name> has changed."**

When event is generated, message will have the following substitutions:



- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.117 CTL215 : "Redundant path disconnected on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.118 CTL216 : "Redundant path connection is restored on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **2.3.3.119 CTL217 : "Redundant path view is cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

### **2.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG]**

#### **2.3.4.1 DIAG0141 : "Hard Drive - No Hard Drive detected."**

#### **2.3.4.2 DIAG0142 : "Hard Drive <Drive Location> - S/N <Serial Number>, <DST Short, DST Long> self test unsuccessful <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "WD-WMAT16606510"
- <DST Short, DST Long> = "DST Long"
- <Error Reason> = ", terminated"

#### **2.3.4.3 DIAG0143 : "Hard Drive <Drive Location> - SMART read command unsuccessful."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

#### **2.3.4.4 DIAG0144 : "Hard Drive <Drive Location> - self test not supported."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

#### **2.3.4.5 DIAG0145 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test did not complete."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "2-1-0"
- <Serial Number> = "6XM0XEQ2"

#### **2.3.4.6 DIAG0146 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test log contains previous error(s)."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "B363P5B000HM"

#### **2.3.4.7 DIAG0147 : "Optical Drive <Nth Drive> - Self test: <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Error Reason> = "DRAM test failed"

#### **2.3.4.8 DIAG0148 : "Hard/Optical Drive <Nth Drive> - incorrect status: <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "1"
- <Hex> = "0x44"
- <Error Reason> = "Uncorrectable data error"

#### **2.3.4.9 DIAG0149 : "Optical Drive - no drive detected."**

#### **2.3.4.10 DIAG0150 : "Hard Drive - No Hard Drive detected, or disk controller not supported."**

#### **2.3.4.11 DIAG0151 : "Hard Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "6XM0XEQ2"
- <8000000000000000??> = "80000000000018"
- <Error Reason> = ""

#### **2.3.4.12 DIAG0152 : "Optical Drive <Nth Drive> - Incorrect status = <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Hex> = "800000000007"
- <Error Reason> = ""

#### **2.3.4.13 DIAG0154 : "Tape Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

- <8000000000000000??> = "8000000000018"
- <Error Reason> = ""

#### **2.3.4.14 DIAG0155 : "Hard Drive - Not installed."**

#### **2.3.4.15 DIAG8154 : "Tape Drive <Drive Location> - S/N <Serial Number>, ULTRIUM <Generation> media found but drive requires ULTRIUM <Generation> for <writes>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "3"
- <Generation> = "4, 5, or 6"
- <Generation> = "6"
- <writes> = "writes"

#### **2.3.4.16 DIAG8155 : "Tape Drive <Drive Location> - S/N <Serial Number>, data read does not match data written."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **2.3.4.17 DIAG8156 : "Tape Drive <Drive Location> - S/N <Serial Number>, no media, cannot test drive."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **2.3.4.18 DIAG8157 : "<Tape|Disk> Drive <Drive Location> - S/N <Serial Number>, drive is not a supported drive."**

When event is generated, message will have the following substitutions:

- <Tape|Disk> = "Tape"
- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **2.3.4.19 DIAG8158 : "<Backplane|Expander|RD1000> Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Backplane|Expander|RD1000> = "Backplane"
- <Drive Location> = "0"
- <Serial Number> = "12300398"
- <8000000000000000??> = "8000000000007"
- <Error Reason> = ""

**2.3.4.20 DIAG8160 : "PERC Battery <PERC Controller Location> - incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <PERC Controller Location> = "0"
- <8000000000000000??> = "8000000000000000"
- <Error Reason> = "Battery missing or disconnected"

**2.3.4.21 DIAG8166 : "OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application."**

**2.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC]**

**2.3.5.1 ENC1 : "<Enclosure Management Module Name> was inserted."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

**2.3.5.2 ENC2 : "<Enclosure Management Module Name> was removed.."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

**2.3.5.3 ENC3 : "<Enclosure Name> is shutdown."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.4 ENC4 : "<Enclosure Name> firmware mismatch."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.5 ENC5 : "Redundancy on <Enclosure Name> is degraded"**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.6 ENC6 : "Communication timeout on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.7 ENC7 : "The <Enclosure Name> alarm was enabled."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.8 ENC8 : "The <Enclosure Name> alarm was disabled."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.9 ENC9 : "The <Enclosure Name> asset tag was changed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.10 ENC10 : "The <Enclosure Name> asset name was changed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.11 ENC11 : "The <enclosure name> service tag was changed."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.12 ENC12 : "Communication resumed on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.13 ENC13 : "Unsupported configuration detected on <Enclosure Name>. <EMM0 1> <EMM1 2>"**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "not implemented"
- <EMM0 1> = "not implemented"
- <EMM1 2> = "not implemented"

#### **2.3.5.14 ENC14 : "The number of enclosures connected on <controller name> has exceeded the maximum limit supported by the controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "port 0 of Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.15 ENC15 : "An enclosure blink operation has initiated on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.16 ENC16 : "An enclosure blink has ceased on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.17 ENC17 : "An Enclosure Management Module (EMM) has been discovered on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.18 ENC18 : "Communication with <enclosure name> was lost."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.19 ENC19 : "<Enclosure Management Module Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

**2.3.5.20 ENC21 : "<Enclosure elements name> has been removed."**

When event is generated, message will have the following substitutions:

- <Enclosure elements name> = "FAN1000"

**2.3.5.21 ENC22 : "The <Enclosure Name> has a bad sensor <args>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " not implemented"

**2.3.5.22 ENC23 : "<enclosure name> - Issue with PHY <PHY data>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <PHY data> = " not implemented"

**2.3.5.23 ENC24 : "Communication with <enclosure name> is intermittent."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.24 ENC25 : "<enclosure name> has a hardware error."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.5.25 ENC26 : "<enclosure name> is not responding."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.26 ENC27 : "SAS or SATA mixing of physical disks is not supported within the <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.27 ENC28 : "Enclosure Management Module (EMM) firmware version mismatch detected in <enclosure name>.<EMM 0 version> <EMM 1 version>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <EMM 0 version> = ".12"
- <EMM 1 version> = ".11"

#### **2.3.5.28 ENC29 : "<Enclosure Name> temperature has returned to normal."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.29 ENC30 : "<Enclosure Name> firmware download is in-progress."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.30 ENC31 : "Firmware download on <Enclosure Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.31 ENC32 : "Storage Enclosure Processor (SEP) for <Enclosure Name> has been rebooted."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.32 ENC33 : "Redundancy on <Enclosure Name> is normal."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.5.33 ENC40 : "A new enclosure was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **2.3.5.34 ENC100 : "<enclosure name> is sending inconsistent responses to the controller."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0:0 on Controller 1 at Connector 0"

### **2.3.6 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **2.3.6.1 FAN1000 : "<Fan Sensor Name> was removed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.6.2 FAN1001 : "<Fan Sensor Name> has been inserted."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **2.3.6.3 FAN1002 : "<Fan Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

### **2.3.7 Subcategory= Unknown [MessageID prefix =FLDC]**

#### **2.3.7.1 FLDC1001 : "The journal mirror at path = <World Wide Name> is available."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **2.3.7.2 FLDC1002 : "The following journal mirror is being replaced: File Path Name = <file path>."**

When event is generated, message will have the following substitutions:

- <file path> = ""

#### **2.3.7.3 FLDC1003 : "Cache flushing has started for the virtual disk with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **2.3.7.4 FLDC1004 : "Cache flushing has completed for the virtual disk with WWN = <World Wide name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide name> = ""

#### **2.3.7.5 FLDC1006 : "The cache device <physical disk name> with WWN = <World Wide Name> and path = <device pathname> is registered."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""



**2.3.7.6 FLDC1007 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

**2.3.7.7 FLDC1008 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is being removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

**2.3.7.8 FLDC1009 : "Caching is being removed for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**2.3.7.9 FLDC1010 : "Caching is enabled on the <virtual disk name> with wwn = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**2.3.7.10 FLDC1012 : "Caching is disabled for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**2.3.7.11 FLDC1013 : "The cached LUN with WWN = <World Wide Name> and path = <device pathname> for <virtual disk name> has had a failure."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**2.3.7.12 FLDC1014 : "Replication of the cache device <physical device name> with WWN = <World Wide Name> and path = <device pathname> is complete."**

When event is generated, message will have the following substitutions:

- <physical device name> = ""

**2.3.7.13 FLDC1015 : "Recovery of the cache device <physical disk name> with wwn = <World Wide Name> and path = <device pathname> is complete."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**2.3.7.14 FLDC1016 : "A valid permanent license is installed for Fluid Cache."**

**2.3.7.15 FLDC1017 : "A license has been installed for Fluid Cache."**

**2.3.7.16 FLDC1018 : "A license has been removed for Fluid Cache."**

**2.3.7.17 FLDC1019 : "All cache devices have been found and registered for Fluid Cache."**

**2.3.7.18 FLDC1020 : "The storage device with WWN = <wwn name> and path = <path name> is in unknown state."**

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**2.3.7.19 FLDC1021 : "The journal mirror entry with WWN = <World Wide Name> is not accessible."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**2.3.7.20 FLDC1022 : "The associated server of the Cache Device <physical disk name> with WWN = <World Wide Name> is not configured."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**2.3.7.21 FLDC1023 : "Fluid Cache is running on an evaluation license and the evaluation license expires in <days> days."**

When event is generated, message will have the following substitutions:

- <days> = ""

**2.3.7.22 FLDC1024 :** "Caching was enabled in write-back mode, but it is currently operating in write-through mode."

**2.3.7.23 FLDC1025 :** "Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode."

**2.3.7.24 FLDC1026 :** "Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache."

**2.3.7.25 FLDC1027 :** "Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache."

**2.3.7.26 FLDC1028 :** "OMSS Connection to Fluid Cache service is no longer present."

**2.3.7.27 FLDC1029 :** "There are not enough journal mirrors available for Fluid Cache to operate."

**2.3.7.28 FLDC1030 :** "The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache."

**2.3.7.29 FLDC1031 :** "The journal could not be read or written to for Fluid Cache."

**2.3.7.30 FLDC1032 :** "The cache device with WWN = <wwn name> and path = <path name> is no longer functional."

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**2.3.7.31 FLDC1033 :** "The storage device WWN = <wwn name> and path = <path name> is either inaccessible or no longer functional."

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**2.3.7.32 FLDC1034 :** "A valid license is not installed for Fluid Cache."

**2.3.7.33 FLDC1035 :** "Configuration changes are not allowed, because Fluid cache is running on an expired evaluation licesnse (Expired days: <number of days>)."

When event is generated, message will have the following substitutions:

- <number of days> = ""

**2.3.7.34 FLDC1036 :** "Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days: <number of days>)."

When event is generated, message will have the following substitutions:

- <number of days> = ""

**2.3.7.35 FLDC1037 : "Configuration changes are disabled, because Fluid cache is running on an expired or invalid license."**

**2.3.7.36 FLDC1038 : "There is not enough memory capacity to run necessary services for Fluid Cache."**

**2.3.7.37 FLDC1039 : "One or more cache devices are missing, resulting in Fluid Cache to be unresponsive."**

## **2.3.8 Subcategory= Physical Disk [MessageID prefix =PDR]**

**2.3.8.1 PDR1 : "<physical disk> copyback stopped for rebuild."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.2 PDR2 : "Insufficient space available on <physical disk> to perform a copyback operation."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.3 PDR3 : "<PD Name> is not functioning correctly."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.4 PDR4 : "<physical disk> returned to a ready state."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.5 PDR5 : "<PD Name> is removed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.6 PDR6 : "<physical disk> is offline."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.7 PDR7 : "<physical disk> has degraded."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.8 PDR8 : "<PD Name> is inserted."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.9 PDR9 : "Initialization has started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.10 PDR10 : "<physical disk> rebuild has started."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.11 PDR11 : "<physical disk> rebuild was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.12 PDR12 : "<PD Name> initialization has failed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.13 PDR13 : "<physical disk> rebuild has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.14 PDR14 : "<PD Name> initialization is complete."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.15 PDR15 : "<physical disk> rebuild is complete."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.16 PDR16 : "Predictive failure reported for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.17 PDR17 : "Global hot spare assigned to <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.18 PDR18 : "Global hot spare unassigned from <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.19 PDR19 : "SMART FPT exceeded for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.20 PDR20 : "SMART configuration change for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.21 PDR21 : "SMART warning for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.22 PDR22 : "SMART warning temperature for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.23 PDR23 : "SMART warning degraded for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.24 PDR24 : "Failure prediction threshold exceeded on <PD Name> due to test. No action needed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.25 PDR25 : "<PD Name> dead segments are removed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.26 PDR26 : "<physical disk> is online."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.27 PDR27 : "Dedicated hot spare assigned to <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.28 PDR28 : "Dedicated hot spare unassigned from <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.29 PDR29 : "Rebuild on <PD Name> completed with error(s)."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.30 PDR30 : "A global hot spare failed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.31 PDR31 : "A global hot spare has been removed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.32 PDR32 : "A dedicated hot spare failed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.33 PDR33 : "A dedicated hot spare has been removed. <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.34 PDR34 : "A dedicated hot spare has been automatically unassigned.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.35 PDR35 : "The only hot spare available is a SATA disk <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.36 PDR36 : "The only hot spare available is a SAS disk <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.37 PDR37 : "The <physical device> is not supported."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.38 PDR38 : "A clear operation started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.39 PDR39 : "A blink operation has initiated on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.40 PDR40 : "The blink operation has ceased on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.41 PDR41 : "The clear operation on <physical disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.42 PDR42 : "<physical disk> has been started."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.43 PDR43 : "The clear operation on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.44 PDR44 : "The clear operation on <physical disk> failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.45 PDR46 : "Patrol Read found an uncorrectable media error on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.46 PDR47 : "A block on <physical disk> was punctured by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.47 PDR48 : "The <physical disk> rebuild has resumed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.48 PDR49 : "The dedicated hot spare <PD Name> is too small."**

When event is generated, message will have the following substitutions:



- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.49 PDR50 : "Insufficient space on the global hot spare <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.50 PDR51 : "Hot spare <physical disk> SMART polling has failed.<args>"**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " Error 123"

#### **2.3.8.51 PDR52 : "A redundant path is broken."**

#### **2.3.8.52 PDR53 : "A redundant path has been restored for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.53 PDR54 : "A disk media error on <physical disk> was corrected during recovery."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.54 PDR55 : "Insufficient space available on the <physical disk> to perform a rebuild."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.55 PDR56 : "Bad block table on <physical disk> is 80% full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.56 PDR57 : "Bad block table on <physical disk> is full. Unable to log block <logical block address >."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <logical block address > = "a1b1c1d1e1f1"

#### **2.3.8.57 PDR58 : "<PD Name>is incompatible."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.58 PDR59 : "A bad disk block was reassigned on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.59 PDR60 : "Error occurred on <physical disk> : <error code>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <error code> = " Error 123"

#### **2.3.8.60 PDR61 : "The rebuild of <physical disk> failed due to errors on the source physical disk."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.61 PDR62 : "The rebuild failed due to errors on the target <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.62 PDR63 : "A bad disk block on <physical disk> cannot be reassigned during a write operation."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.63 PDR64 : "An unrecoverable disk media error occurred on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.64 PDR65 : "<physical disk> is marked as missing."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.65 PDR66 : "<physical disk> that was marked as missing has been replaced."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.66 PDR67 : "An unsupported physical disk drive has been detected."**

#### **2.3.8.67 PDR68 : "Dedicated spare <PD Name> imported as global due to missing disk groups."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.68 PDR69 : "Rebuild not possible on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.69 PDR70 : "Copyback started from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **2.3.8.70 PDR71 : "Copyback completed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **2.3.8.71 PDR72 : "Copyback resumed on <physical disk> from <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **2.3.8.72 PDR73 : "Copyback failed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **2.3.8.73 PDR74 : "Copyback cancelled on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.74 PDR75 : "Copyback stopped for hot spare <physical disk> ."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.75 PDR76 : "Copyback not possible as SAS or SATA mixing is not supported."**

#### **2.3.8.76 PDR77 : "<physical disk> state changed from READY to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.77 PDR78 : "<physical disk> state changed from Non-RAID to READY."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.78 PDR79 : "A user terminated Copyback from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = "Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **2.3.8.79 PDR81 : "Microcode update started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.80 PDR82 : "<physical disk> security was activated."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.81 PDR83 : "<PD Name> is reprovisioned."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.82 PDR84 : "<physical disk> Security key has changed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.83 PDR85 : "Security subsystem errors detected for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.84 PDR86 : "Bad block table on <physical disk> is full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.85 PDR87 : "<physical device> was reset."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.86 PDR88 : "Power state change failed on <PD Name>. (from <state> to <state>)"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <state> = "Spun Up"
- <state> = "Spun Down"

#### **2.3.8.87 PDR93 : "Microcode update on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.88 PDR94 : "Microcode update on <physical disk> has timed out."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.89 PDR95 : "Microcode update on <physical disk> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.90 PDR96 : "Security was disabled on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.91 PDR97 : "<physical disk> security key required."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.92 PDR98 : "Command timeout occurred on <physical disk>.<args>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = "CDB:1c01a0010000, Sense:5/24/00"

#### **2.3.8.93 PDR100 : "Dedicated Hot Spare <PD Name> no longer useful for all arrays."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.94 PDR101 : "Global Hot Spare <PD Name> does not cover all arrays."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.8.95 PDR102 : "The Patrol Read operation was manually stopped before completion."**

#### **2.3.8.96 PDR103 : "Cryptographic Erase operation is successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Param1"

**2.3.8.97 PDR104 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**2.3.8.98 PDR105 : "<physical disk> is assigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.99 PDR106 : "<physical disk> is unassigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.100 PDR107 : "<physical disk> is assigned as global hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.101 PDR108 : "<physical disk> is unassigned as global hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.8.102 PDR110 : "The <PCIe solid state device name> reliability has degraded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**2.3.8.103 PDR111 : "The volatile memory backup device on <PCIe solid state device name> is no longer functional."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**2.3.8.104 PDR112 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"
- <percent> = " 80%"

**2.3.8.105 PDR113 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **2.3.8.106 PDR114 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **2.3.8.107 PDR115 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **2.3.8.108 PDR116 : "Predictive failure reported for <PCIe solid state device name>"**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **2.3.8.109 PDR117 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **2.3.8.110 PDR206 : "<physical disk name> is a solid state drive (SSD) that is not supported by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.111 PDR207 : "Unable to assign <physical disk name> as a dedicated hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.112 PDR208 : "Instant Secure Erase operation successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.113 PDR209 : "The power status of <physical disk name> is changed from <previous power status> to <current power status>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <previous power status> = "spundown"
- <current power status> = "spunup"

#### **2.3.8.114 PDR210 : "Successfully updated configuration data on the <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.115 PDR211 : "<physical disk name> has encountered storage medium error."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.116 PDR212 : "The state of <physical disk name> changed from Ready to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.117 PDR213 : "The state of <physical disk name> changed from Non-RAID to Ready."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.118 PDR214 : "The <physical disk name> is not supported because it is not supplied by an authroized hardware provider."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.119 PDR215 : "Copyback task to <physical disk name> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.8.120 PDR9000 : "Foreign Configuration was detected on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **2.3.9 Subcategory= Power Supply [MessageID prefix =PSU]**

#### **2.3.9.1 PSU1000 : "Power supply cable has been removed from <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.2 PSU1001 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.3 PSU1002 : "<PSU Sensor Name> was removed"**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"



#### **2.3.9.4 PSU1003 : "<PSU Sensor Name> is switched OFF."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.5 PSU1004 : "Power supply cable has been inserted into <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.6 PSU1005 : "<PSU sensor name> is switched on."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.7 PSU1006 : "<PSU sensor name> was inserted."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.8 PSU1007 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.9.9 PSU1010 : "The DC power supply is switched off."**

#### **2.3.9.10 PSU1050 : "<power supply name> is switched ON."**

When event is generated, message will have the following substitutions:

- <power supply name> = "Power Supply 2 of Enclosure 0 on Controller 1 at Connector 0"

### **2.3.10 Subcategory= RAC Event [MessageID prefix =RAC]**

**2.3.10.1 RAC0500 :** "There are no batteries to be displayed."

**2.3.10.2 RAC0501 :** "There are no physical disks to be displayed."

**2.3.10.3 RAC0502 :** "There are no virtual disks to be displayed."

**2.3.10.4 RAC0503 :** "There are no out-of-band capable controllers to be displayed."

**2.3.10.5 RAC0504 :** "There are no enclosures to be displayed."

**2.3.10.6 RAC0505 :** "There are no devices to be displayed."

**2.3.10.7 RAC0506 :** "You do not have privileges to perform this operation."

**2.3.10.8 RAC0507 :** "Unable to find the requested resource."

**2.3.10.9 RAC0508 :** "An unexpected error occurred."

**2.3.10.10 RAC0509 :** "The server is temporarily unavailable. Try again after sometime"

**2.3.10.11 RAC0510 :** "There are no events to be displayed."

**2.3.10.12 RAC0511 :** "There are no physical disks to be displayed."

**2.3.10.13 RAC0512 :** "There are no virtual disks to be displayed."

**2.3.10.14 RAC0513 :** "There are no virtual disks to be displayed."

**2.3.10.15 RAC0514 :** "Unable to create virtual disk(s)."

### **2.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD]**

**2.3.11.1 SSD1001 :** "Write-cache on <PCIe SSD name> is enabled."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**2.3.11.2 SSD1002 :** "Write-cache on <PCIe SSD name> is disabled."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**2.3.11.3 SSD1003 :** "<PCIe SSD name> is ready for removal."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.4 SSD1004 : "Exported the <PCIe SSD name> log file."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.5 SSD1005 : "Successfully initialized <PCIe SSD name>."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.6 SSD1006 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <percent> = " 90%"

#### **2.3.11.7 SSD1007 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.8 SSD1008 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.9 SSD1009 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **2.3.11.10 SSD1010 : "The <PCIe solid state device name> is in a security locked state."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

### **2.3.12 Subcategory= Storage [MessageID prefix =STOR]**

#### **2.3.12.1 STOR1 : "A device <device name> is in an unknown state."**

When event is generated, message will have the following substitutions:

- <device name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.12.2 STOR2 : "SCSI sense data <args>."**

When event is generated, message will have the following substitutions:

- <args> = "CDB:xyz, Sense:abc"

#### **2.3.12.3 STOR3 : "CEM Storage Management has lost communication with the <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"

#### **2.3.12.4 STOR4 : "CEM Storage Management encountered internal error."**

#### **2.3.12.5 STOR5 : "Redundancy lost.<VD/Enclosure Name>"**

When event is generated, message will have the following substitutions:

- <VD/Enclosure Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.12.6 STOR6 :** "CEM Storage Management detected inventory change(s) after host re-boot."

**2.3.12.7 STOR7 :** "The storage management instrumentation is performing an inventory refresh operation."

**2.3.12.8 STOR8 :** "Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on."

**2.3.12.9 STOR9 :** "No RAID controllers have been detected. Access to shared storage will not be available."

**2.3.12.10 STOR10 :** "Access to shared storage will not be available, because the RAID controller is unable to turn on."

**2.3.12.11 STOR11 :** "The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability."

**2.3.12.12 STOR12 :** "Chassis is operating with a disabled RAID controller."

**2.3.12.13 STOR089 :** "The storage configuration operation is successfully completed and the change is in pending state."

**2.3.12.14 STOR090 :** "Unable to create a virtual disk because an invalid value of span count value is entered for the RAID level selected."

**2.3.12.15 STOR092 :** "Unable to run the configuration operation on the controller because foreign configuration import operation is in progress."

**2.3.12.16 STOR093 :** "Unable to run the configuration operation because the controller is not available for the import process."

**2.3.12.17 STOR094 :** "The storage configuration operation is successfully completed and the change is in pending state."

**2.3.12.18 STOR095 :** "Storage operation is successfully completed."

**2.3.12.19 STOR096 :** "Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB)."

**2.3.12.20 STOR097 :** "Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size."

**2.3.12.21 STOR099 :** "Unable to find the FQDD <component FQDD> because an invalid FQDD is entered or an operation is pending on the specified FQDD."

When event is generated, message will have the following substitutions:

- <component FQDD> = "FQDD"

**2.3.12.22 STOR0101 : "No RAID controller is displayed."**

**2.3.12.23 STOR0102 : "No batteries are displayed."**

**2.3.12.24 STOR0103 : "No physical disks are displayed."**

**2.3.12.25 STOR0104 : "No virtual disks are displayed."**

**2.3.12.26 STOR0105 : "No enclosures are displayed."**

**2.3.12.27 STOR0106 : "Fans are not connected to enclosures or data about fans is unavailable."**

**2.3.12.28 STOR0107 : "EMMs are not connected to enclosures or data about EMMs is unavailable."**

**2.3.12.29 STOR0108 : "Temperature probes are not connected to enclosures or data about temperature is unavailable."**

**2.3.12.30 STOR0109 : "Power supply unit is not connected to the enclosure or data about power supply unit is unavailable."**

**2.3.12.31 STOR0110 : "Invalid Fully Qualified Device Descriptor (FQDD)."**

**2.3.12.32 STOR0111 : "Invalid reference key."**

**2.3.12.33 STOR0200 : "Array Manager is installed on the system."**

**2.3.12.34 STOR0201 : "Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware."**

**2.3.12.35 STOR0202 : "The configuration file (Path: <file path>) that contains firmware and driver information for <controller name> is not updated or is incorrectly formatted to complete the comparison."**

When event is generated, message will have the following substitutions:

- <file path> = "C:\Program Files (x86)\Dell\SysMgt\sm\cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

**2.3.12.36 STOR0203 :** "The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions."

**2.3.12.37 STOR0204 :** "The non-RAID SCSI driver version is older than the minimum required version."

**2.3.12.38 STOR0205 :** "Global rescan initiated for all storage components in the system."

**2.3.12.39 STOR0206 :** "Smart thermal shutdown feature is enabled."

**2.3.12.40 STOR0207 :** "Smart thermal shutdown feature is disabled."

**2.3.12.41 STOR0208 :** "Protection policy has changed."

**2.3.12.42 STOR0209 :** "Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete."

**2.3.12.43 STOR0210 :** "SCSI sense data (<sense info>) received from <device name>."

When event is generated, message will have the following substitutions:

- <sense info> = "Sense key: 6 Sense code: 29 Sense qualifier: 0"
- <device name> = "Controller 1 (PERC H800 Adapter)"

**2.3.12.44 STOR0211 :** "The <device name> has returned to normal state."

When event is generated, message will have the following substitutions:

- <device name> = "Enclosure 0:0 on Controller 1 at Connector 0"

**2.3.12.45 STOR0212 :** "The <device name> has failed."

When event is generated, message will have the following substitutions:

- <device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**2.3.12.46 STOR0501 : "Unable to configure RAID."**

**2.3.12.47 STOR0502 : "Unable to launch RAID Configuration wizard."**

**2.3.12.48 STOR0503 : "Successfully erased RAID configuration."**

**2.3.12.49 STOR0504 : "Successfully completed RAID operation."**

**2.3.12.50 STOR0505 : "Unable to delete virtual disks."**

**2.3.12.51 STOR0506 : "Unable to create virtual disk."**

**2.3.12.52 STOR0507 : "Insufficient physical disk space on selected RAID controller."**

**2.3.12.53 STOR0508 : "No supported controllers present for RAID configuration."**

**2.3.12.54 STOR0509 : "No RAID levels are supported."**

**2.3.12.55 STOR0510 : "Encryption configuration failed."**

**2.3.12.56 STOR0511 : "Unable to change the encryption key."**

**2.3.12.57 STOR0512 : "Unable to apply the encryption key."**

**2.3.12.58 STOR0513 : "Unable to encrypt virtual disks."**

**2.3.12.59 STOR0514 : "Unable to initialize the selected physical disk drive(s)."**

### **2.3.13 Subcategory= Software Change [MessageID prefix =SWU]**

**2.3.13.1 SWU001 : "The backplane firmware update completed successfully."**

**2.3.13.2 SWU002 : "The backplane firmware update did not complete successfully."**

### **2.3.14 Subcategory= Temperature [MessageID prefix =TMP]**

**2.3.14.1 TMP5 : "The temperature probe maximum warning value was changed on <Enclosure name>."**

When event is generated, message will have the following substitutions:

- <Enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**2.3.14.2 TMP6 : "The temperature probe minimum warning value was changed on <Enclosure name>."**

When event is generated, message will have the following substitutions:

- <Enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"



#### **2.3.14.3 TMP7 : "<Temp Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Temp Sensor Name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.14.4 TMP1000 : "<tempsensor name> exceeded the maximum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.14.5 TMP1001 : "<tempsensor name> has crossed the minimum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.14.6 TMP1002 : "<tempsensor name> has exceeded the maximum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.14.7 TMP1003 : "<tempsensor name> has crossed the minimum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.14.8 TMP1004 : "<tempsensor name> has returned to normal."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **2.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR]**

#### **2.3.15.1 VDR1 : "<VD Name> failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.2 VDR2 : "<virtual disk> returned to optimal state."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.3 VDR3 : "Redundancy normal on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.4 VDR4 : "<virtual disk> was created."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.5 VDR5 : "<virtual disk> was deleted."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.6 VDR6 : "<VD Name> configuration has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.7 VDR7 : "<virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.8 VDR8 : "<virtual disk> has become degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.9 VDR9 : "<virtual disk> consistency check has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.10 VDR10 : "Formatting the <VD Name> has started."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.11 VDR11 : "<virtual disk> has started initializing."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.12 VDR12 : "<virtual disk> reconfiguration has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.13 VDR13 : "<VD Name> rebuild has started."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.14 VDR14 : "The consistency check on <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.15 VDR15 : "Initialization of <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.16 VDR16 : "Consistency check of <virtual disk> failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.17 VDR17 : "<VD Name> format failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.18 VDR18 : "Initialization of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.19 VDR19 : "Reconfiguration of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.20 VDR20 : "<VD Name> rebuild failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.21 VDR21 : "Consistency check for <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.22 VDR22 : "Formatting the <VD Name> is completed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.23 VDR23 : "Initialization of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.24 VDR24 : "Reconfiguration of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.25 VDR25 : "<VD Name> rebuild is completed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.26 VDR26 : "The check consistency on a <VD Name> has been paused (suspended)."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.27 VDR27 : "The consistency check on a <VD Name> has been resumed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.28 VDR28 : "A virtual disk and its mirror have been split."**

#### **2.3.15.29 VDR29 : "A mirrored virtual disk has been un-mirrored."**

#### **2.3.15.30 VDR30 : "<virtual disk> write policy has changed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.31 VDR31 : "Controller cache is preserved for missing or offline <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.32 VDR32 : "Background initialization has started for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.33 VDR33 : "Background initialization was cancelled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.34 VDR34 : "Background initialization failed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.35 VDR35 : "Background initialization has completed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.36 VDR36 : "<VD Name> initialization is in-progress <progresspercent>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"
- <progresspercent> = "30%"

#### **2.3.15.37 VDR37 : "Dead disk segments are restored on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.38 VDR38 : "<VD Name> is renamed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.39 VDR39 : "The check consistency has made corrections and completed for <VD name>."**

When event is generated, message will have the following substitutions:

- <VD name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.40 VDR40 : "The reconfiguration of <virtual disk> has resumed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.41 VDR41 : "<VD Name> read policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.42 VDR42 : "Dedicated hot spare assigned physical disk <args>."**

When event is generated, message will have the following substitutions:

- <args> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **2.3.15.43 VDR43 : "Dedicated hot spare unassigned physical disk <args>."**

When event is generated, message will have the following substitutions:

- <args> = "Disk 5 in Enclosure 0 on Connector 0 o RAID Controller in Slot 5"

#### **2.3.15.44 VDR44 : "<VD Name> disk cache policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.45 VDR45 : "<VD Name> blink has been initiated."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.46 VDR46 : "<VD Name> blink has ceased."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.47 VDR47 : "A disk media error was corrected on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.48 VDR48 : "<VD Name> has inconsistent data."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.49 VDR49 : "<VD Name> is permanently degraded."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.50 VDR50 : "Background Initialization (BGI) completed with uncorrectable errors on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.51 VDR51 : "The consistency check process made corrections and completed on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.52 VDR52 : "The consistency check found inconsistent parity data on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.53 VDR53 : "The consistency check logging of inconsistent parity data is disabled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.54 VDR54 : "<VD Name> initialization is terminated."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.55 VDR55 : "<VD Name> initialization has failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.56 VDR56 : "Redundancy of <virtual disk> has been degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.57 VDR57 : "Background Initialization in <VD Name> corrected medium error."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.58 VDR58 : "Bad block medium error is detected at block <args> on <VD Name>."**

When event is generated, message will have the following substitutions:

- <args> = "0x12345678"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.59 VDR59 : "<VD Name> security has failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.60 VDR91 : "Consistency check for <virtual disk> has detected multiple uncorrectable medium errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**2.3.15.61 VDR92 : "Consistency check for <virtual disk> has completed with uncorrectable errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.62 VDR93 : "<VD Name> bad block medium error is cleared."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.63 VDR94 : "Controller preserved cache was recovered for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.64 VDR95 : "Unable to log block <arg>.Bad block table on <VD Name> is full."**

When event is generated, message will have the following substitutions:

- <arg> = "0x1234567890"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.65 VDR96 : "Bad block table on <virtual disk> is 80 percent full."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.66 VDR97 : "Patrol Read corrected a media error on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.67 VDR98 : "<virtual disk> has switched active controllers. Its active path is now through <controller name>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0"
- <controller name> = " RAID Controller in Slot 5"

#### **2.3.15.68 VDR99 : "<virtual disk> is unavailable because of an ID conflict in the fault-tolerant pair."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.69 VDR100 : "<virtual disk> is unavailable because of incompatibilities with the current controller."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **2.3.15.70 VDR101 : "Hot Spare Protection policy deviation with severity set at Informational level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:



- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.71 VDR101 : "Virtual Adapter mapping reported for <Virtual Disk Name>. Virtual Adapter 1 is now <Access Policy 1>. Virtual Adapter 2 is now <Access Policy 2>. Virtual Adapter 3 is now <Access Policy 3>. Virtual Adapter 4 is now <Access Policy 4>."**

When event is generated, message will have the following substitutions:

- <Virtual Disk Name> = "Virtual Disk 0 on Integrated RAID Controller 0"
- <Access Policy 1> = " Read/Write"
- <Access Policy 2> = " No Access"
- <Access Policy 3> = " No Access"
- <Access Policy 4> = " No Access"

**2.3.15.72 VDR102 : "Hot Spare Protection policy deviation with severity set at Warning level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.73 VDR103 : "Hot Spare Protection policy deviation with severity set at Critical level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.74 VDR104 : "Successfully secured <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.75 VDR105 : "The <virtual disk name> on power save mode drives is available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.76 VDR106 : "<virtual disk name> on spun down power save mode drives is not available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.77 VDR107 : "Successfully resized Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**2.3.15.78 VDR108 : "Successfully created Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **2.3.15.79 VDR109 : "Successfully deleted Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **2.3.15.80 VDR110 : "Unrecoverable storage medium error detected on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **2.3.15.81 VDR111 : "Corrected disk storage medium error on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **2.3.15.82 VDR112 : "Deleted the <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

## **2.4 Category: System Health**

### **2.4.1 Subcategory= Amperage [MessageID prefix =AMP]**

#### **2.4.1.1 AMP0300 : "The system board <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.2 AMP0301 : "The system board <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.3 AMP0302 : "The system board <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.4 AMP0303 : "The system board <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.5 AMP0304 : "The system board <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.6 AMP0305 : "The system board <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.7 AMP0306 : "Disk drive bay <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.8 AMP0307 : "Disk drive bay <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.9 AMP0308 : "Disk drive bay <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.10 AMP0309 : "Disk drive bay <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.11 AMP0310 : "Disk drive bay <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **2.4.1.12 AMP0311 : "Disk drive bay <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

- 2.4.1.13 AMP0312 :** "System level current is less than the lower warning threshold."
- 2.4.1.14 AMP0313 :** "System level current is less than the lower critical threshold."
- 2.4.1.15 AMP0314 :** "System level current is greater than the upper warning threshold."
- 2.4.1.16 AMP0315 :** "System level current is greater than the upper critical threshold."
- 2.4.1.17 AMP0316 :** "System level current is outside of range."
- 2.4.1.18 AMP0317 :** "System level current is within range."
- 2.4.1.19 AMP0318 :** "Chassis power level current is less than the lower warning threshold."
- 2.4.1.20 AMP0319 :** "Chassis power level current is less than the lower critical threshold."
- 2.4.1.21 AMP0320 :** "Chassis power level current is greater than the upper warning threshold."
- 2.4.1.22 AMP0321 :** "Chassis power level current is greater than the upper critical threshold."
- 2.4.1.23 AMP0322 :** "Chassis power level current is outside of range."
- 2.4.1.24 AMP0323 :** "Chassis power level current is within range."
- 2.4.1.25 AMP400 :** "The <sensor name> sensor has failed, and the last recorded value by the sensor was <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

**2.4.1.26 AMP401 :** "Unable to read the <sensor name> sensor value."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"

**2.4.1.27 AMP402 :** "The <sensor name> sensor returned to a normal state with a value of <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 56.000"

**2.4.1.28 AMP403 :** "The <sensor name> sensor state has changed to a warning state with a value of <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"

- <current> = " 100.000"

#### **2.4.1.29 AMP404 : "The <sensor name> sensor detected an error with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658"

#### **2.4.1.30 AMP405 : "The <sensor name> sensor state has changed to a failed state with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

### **2.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR]**

#### **2.4.2.1 ASR0000 : "The watchdog timer expired."**

#### **2.4.2.2 ASR0001 : "The watchdog timer reset the system."**

#### **2.4.2.3 ASR0002 : "The watchdog timer powered off the system."**

#### **2.4.2.4 ASR0003 : "The watchdog timer power cycled the system."**

#### **2.4.2.5 ASR0008 : "The watchdog timer interrupt was initiated."**

#### **2.4.2.6 ASR0009 : "The system returned from a watchdog timer event."**

#### **2.4.2.7 ASR0100 : "The BIOS watchdog timer reset the system."**

#### **2.4.2.8 ASR0101 : "The OS watchdog timer reset the system."**

#### **2.4.2.9 ASR0102 : "The OS watchdog timer shutdown the system."**

#### **2.4.2.10 ASR0103 : "The OS watchdog timer powered down the system."**

#### **2.4.2.11 ASR0104 : "The OS watchdog timer powered cycle the system."**

#### **2.4.2.12 ASR0105 : "The OS watchdog timer powered off the system."**

#### **2.4.2.13 ASR0106 : "The OS watchdog timer expired."**

#### **2.4.2.14 ASR0107 : "The OS watchdog timer pre-timeout interrupt was initiated."**

#### **2.4.2.15 ASR0108 : "The system returned from an OS watchdog timer event."**

#### **2.4.2.16 ASR200 : "The watchdog timer expired at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**2.4.2.17 ASR201 : "The watchdog timer restarted the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**2.4.2.18 ASR202 : "The watchdog timer turned off the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**2.4.2.19 ASR203 : "The watchdog timer performed an AC power cycle on the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**2.4.2.20 ASR8500 : "Watchdog timer is disabled."**

**2.4.3 Subcategory= Battery Event [MessageID prefix =BAT]**

**2.4.3.1 BAT0000 : "The system board battery is low."**

**2.4.3.2 BAT0001 : "The system board battery is operating normally."**

**2.4.3.3 BAT0002 : "The system board battery has failed."**

**2.4.3.4 BAT0003 : "The system board battery is present."**

**2.4.3.5 BAT0004 : "The system board battery is absent."**

**2.4.3.6 BAT0005 : "The storage battery is low."**

**2.4.3.7 BAT0006 : "The storage battery is operating normally."**

**2.4.3.8 BAT0007 : "The storage battery has failed."**

**2.4.3.9 BAT0008 : "The storage battery is present."**

**2.4.3.10 BAT0009 : "The storage battery is absent."**

**2.4.3.11 BAT0010 : "The storage battery for disk drive bay <bay> is low."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **2.4.3.12 BAT0011 : "The storage battery for disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **2.4.3.13 BAT0012 : "The storage battery for disk drive bay <bay> has failed."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **2.4.3.14 BAT0013 : "The storage battery for disk drive bay <bay> is present."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **2.4.3.15 BAT0014 : "The storage battery for disk drive bay <bay> is absent."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **2.4.3.16 BAT0015 : "The <name> battery is low."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **2.4.3.17 BAT0016 : "The <name> battery is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **2.4.3.18 BAT0017 : "The <name> battery has failed."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **2.4.3.19 BAT0018 : "The <name> battery is present."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **2.4.3.20 BAT0019 : "The <name> battery is absent."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

**2.4.3.21 BAT0030 : "The system board battery is reading low."**

**2.4.3.22 BAT0031 : "The system board battery status is unknown."**

## **2.4.4 Subcategory= Cable [MessageID prefix =CBL]**

**2.4.4.1 CBL0001 : "Backplane <bay ID> power cable disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**2.4.4.2 CBL0002 : "Backplane <bay ID> signal cable disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**2.4.4.3 CBL0003 : "Backplane <bay ID> <cable name> cable is disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"
- <cable name> = "B2"

**2.4.4.4 CBL0004 : "The <cable name> cable is incorrectly connected to backplane <bay ID> connector <connector name>."**

When event is generated, message will have the following substitutions:

- <cable name> = "B2"
- <bay ID> = "1"
- <connector name> = "PERC SAS B0"

**2.4.4.5 CBL0005 : "Backplane <bay ID> <connector name> connector incorrectly connected to the motherboard SATA controller."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"
- <connector name> = "Chipset SATA B0"

**2.4.4.6 CBL0006 : "Unsupported backplane <bay ID> configuration: Multiple RAID controllers cannot be connected to the same backplane."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**2.4.4.7 CBL0007 : "Backplane <bay ID> <cable name> cable and backplane <bay ID> <cable name> cable are swapped."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"



- <cable name> = "PERC SAS B0"
- <bay ID> = "2"
- <cable name> = "PCIe C"

## **2.4.5 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**2.4.5.1 CMC8502 : "Unable to access the IPv6 information of the server."**

**2.4.5.2 CMC8503 : "Unable to access the IPv4 information of the server."**

**2.4.5.3 CMC8504 : "Unable to access server: <slot number>, because the NIC is disabled on the identified server."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.5.4 CMC8505 : "Unable to access server: <slot number> because both IPv4 and IPv6 are disabled. NIC Enabled = <state>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.5.5 CMC8514 : "Fabric mismatch is detected in the I/O Module <iom slot name>."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**2.4.5.6 CMC8516 : "The I/O Module <iom slot name> did not boot within the expected time."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**2.4.5.7 CMC8517 : "A double height server is detected in slot <slot number>, however the server is not detected in the bottom slot."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.5.8 CMC8518 : "Detecting Double height server in slot <slot number> but the iDRAC in bottom slot <slot number> is also responding."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.5.9 CMC8519 : "The LOM riser FRU for slot <slot number> FRU ID <fru id> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.10 CMC8520 : "The FRU on server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.11 CMC8521 : "The Mezz card 1 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.12 CMC8522 : "The Mezz card 2 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.13 CMC8523 : "The Mezz card 3 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.14 CMC8524 : "The Mezz card 4 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.15 CMC8525 : "The FRU on the sleeve <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.16 CMC8526 : "Unable to retrieve the server-<slot number> CPU information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.17 CMC8527 : "Unable to retrieve the server-<slot number> memory information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **2.4.5.18 CMC8528 : "Unable to obtain or send link tuning or flex address data to server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.5.19 CMC8534 : "Unable to turn on the server <slot number> because the power requirement request exceeds the power cap value."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.6 Subcategory= Processor [MessageID prefix =CPU]**

**2.4.6.1 CPU0000 : "CPU <number> has an internal error (IERR)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.2 CPU0001 : "CPU <number> has a thermal trip (over-temperature) event."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.3 CPU0002 : "CPU <number> has failed the built-in self-test (BIST)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.4 CPU0003 : "CPU <number> is stuck in POST."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.5 CPU0004 : "CPU <number> failed to initialize."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.6 CPU0005 : "CPU <number> configuration is unsupported."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.7 CPU0006 : "Unrecoverable CPU complex error detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.6.8 CPU0007 : "CPU <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.9 CPU0008 : "CPU <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.10 CPU0009 : "CPU <number> terminator is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.11 CPU0010 : "CPU <number> is throttled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.12 CPU0011 : "Uncorrectable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.13 CPU0012 : "Correctable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.14 CPU0016 : "CPU <number> is operating correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.15 CPU0021 : "CPU <number> is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.16 CPU0024 : "CPU <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.17 CPU0025 : "CPU <number> terminator is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.18 CPU0700 : "CPU <number> initialization error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.19 CPU0701 : "CPU <number> protocol error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.20 CPU0702 : "CPU bus parity error detected."**

#### **2.4.6.21 CPU0703 : "CPU bus initialization error detected."**

#### **2.4.6.22 CPU0704 : "CPU <number> machine check error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.23 CPU0800 : "CPU <number> voltage regulator module is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.24 CPU0801 : "CPU <number> voltage regulator module failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.25 CPU0802 : "A predictive failure detected on CPU <number> voltage regulator module."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.26 CPU0803 : "The power input for CPU <number> voltage regulator module is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.27 CPU0804 : "The power input for CPU <number> voltage regulator module is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.28 CPU0805 : "The power input for CPU <number> voltage regulator module is outside of range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.29 CPU0806 : "CPU <number> voltage regulator module is incorrectly configure."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.30 CPU0816 : "CPU <number> voltage regulator module is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.31 CPU0817 : "CPU <number> voltage regulator module is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.32 CPU0819 : "The power input for CPU <number> voltage regulator module has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.33 CPU0822 : "CPU <number> voltage regulator module is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.6.34 CPU9000 : "An OEM diagnostic event occurred."**

### **2.4.7 Subcategory= Proc Absent [MessageID prefix =CPUA]**

#### **2.4.7.1 CPUA0023 : "CPU <number> is absent"**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **2.4.8 Subcategory= Diagnostic [MessageID prefix =DIAG]**

#### **2.4.8.1 DIAG0000 : "Pass"**

#### **2.4.8.2 DIAG0111 : "CPU <Cpu Number> : <Exception Type> exception occurred."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"
- <Exception Type> = "Stack"

#### **2.4.8.3 DIAG0112 : "CPU <Cpu Number> - Machine check exception detected."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"

#### **2.4.8.4 DIAG0114 : "Cache integrity test discrepancy <Error Reason>"**

When event is generated, message will have the following substitutions:

- <Error Reason> = "Unable to start application processor(s)."

#### **2.4.8.5 DIAG0115 : "CPU Stress Thermal condition. Limit <Degrees>C, Actual <Degrees>C."**

When event is generated, message will have the following substitutions:

- <Degrees> = "60"
- <Degrees> = "73"

#### **2.4.8.6 DIAG0121 : "Memory errors detected, but successfully resolved."**

#### **2.4.8.7 DIAG0122 : "Memory errors detected. Limit exceeded. Additional errors will not be resolved."**

#### **2.4.8.8 DIAG0123 : "UEFI: Memory error detected. :OR: LEGACY: Memory - integrity test discrepancy."**

#### **2.4.8.9 DIAG0124 : "<Timestamp>, <Log message>"**

When event is generated, message will have the following substitutions:

- <Timestamp> = "Jun 20 2012 13:52:05"
- <Log message> = "Warning: ECC Corr Err: Memory sensor, correctable ECC [DIMM\_A1] was asserted."

#### **2.4.8.10 DIAG0125 : "The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted."**

#### **2.4.8.11 DIAG0126 : "The event log(s) must be cleared before testing can continue."**

#### **2.4.8.12 DIAG0131 : "Battery - The battery is not installed."**

#### **2.4.8.13 DIAG0132 : "Battery - The battery is reaching the end of its usable life."**

#### **2.4.8.14 DIAG0133 : "Battery - The battery cannot provide sufficient power."**

#### **2.4.8.15 DIAG0212 : "System board - CMOS, Location = <Hex>h, Expected = <Hex>h, Found = <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "42"
- <Hex> = "80"
- <Hex> = "80"

**2.4.8.16 DIAG0213 : "System board - CMOS battery failure detected."**

**2.4.8.17 DIAG0221 : "System board - Interval timer not functional."**

**2.4.8.18 DIAG0232 : "RTC - did not generate periodic ticks."**

**2.4.8.19 DIAG0233 : "System board - RTC seconds count is not updating."**

**2.4.8.20 DIAG0234 : "System board - HPET <1>, incorrect time period. Expected = <Decimal>, Found = <Decimal>."**

When event is generated, message will have the following substitutions:

- <1> = "1"
- <Decimal> = "1"
- <Decimal> = "0"

**2.4.8.21 DIAG0235 : "PM timer 1 had wrong time period. Expected <Decimal>, Actual <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <Decimal> = "0"

**2.4.8.22 DIAG0241 : "BIOS - A20 gate not enabled."**

**2.4.8.23 DIAG0242 : "System board - Interrupt controller, IRQ = <Decimal>: <IRQ Description> not detected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <IRQ Description> = "system timer"

**2.4.8.24 DIAG0243 : "USB controller error."**

**2.4.8.25 DIAG0244 : "USB device failed with return code 0x<Hex>."**

When event is generated, message will have the following substitutions:

- <Hex> = "FF"

**2.4.8.26 DIAG0245 : "Timeout waiting for the device to respond."**

**2.4.8.27 DIAG0251 : "Event log - The log contains failing records."**

**2.4.8.28 DIAG0313 : "Touchpad - Pointing stick/touchpad not detected."**

**2.4.8.29 DIAG0314 : "Thermal: The (<Sensor Name>) reading (<Degrees>C) exceeds the thermal limit."**

When event is generated, message will have the following substitutions:



- <Sensor Name> = "CPU1"
- <Degrees> = "78"

**2.4.8.30 DIAG0315 : "Sensor: The (<Sensor Name>) reading <Degrees>C) is lower than expected."**

When event is generated, message will have the following substitutions:

- <Sensor Name> = "CPU1"
- <Degrees> = "0"

**2.4.8.31 DIAG0321 : "LCD EDID - Unable to access EDID EEPROM."**

**2.4.8.32 DIAG0322 : "LCD panel - Unable to modify brightness."**

**2.4.8.33 DIAG0323 : "Unable to detect inverter lamp status."**

**2.4.8.34 DIAG0324 : "LCD panel - User reported LCD BIST colors were not displayed."**

**2.4.8.35 DIAG0325 : "LCD panel - User provided no input for LCD BIST."**

**2.4.8.36 DIAG0326 : "LCD panel - Unable to turn lamp on or off."**

**2.4.8.37 DIAG0327 : "LCD panel - Unable to use BIOS interface."**

**2.4.8.38 DIAG0328 : "LCD panel - Unable to detect variance in ambient light sensor."**

**2.4.8.39 DIAG0331 : "Video controller - No video controller detected."**

**2.4.8.40 DIAG0332 : "Video memory - Video memory integrity test discrepancy."**

**2.4.8.41 DIAG0333 : "Video - User provided no input for graphics test"**

**2.4.8.42 DIAG0334 : "Video - User reported the patterns were not displayed."**

**2.4.8.43 DIAG0411 : "Cables - <Hardware Name> not detected."**

When event is generated, message will have the following substitutions:

- <Hardware Name> = "Intrusion"

**2.4.8.44 DIAG0412 : "Cables - <AUX LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <AUX LCD Name> = "Auxiliary LCD cable"

**2.4.8.45 DIAG0413 : "Cables - <LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <LCD Name> = "LCD cable"

#### **2.4.8.46 DIAG 0414 : "Cables - <Inverter Name> not detected."**

When event is generated, message will have the following substitutions:

- <Inverter Name> = "Inverter cable"

#### **2.4.8.47 DIAG0415 : "Cables - Check the following cable, jumper, connection, or sensor: <Name>."**

When event is generated, message will have the following substitutions:

- <Name> = "Intrusion"

#### **2.4.8.48 DIAG0511 : "Fan - The (<Name>) fan failed to respond correctly."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 1"

#### **2.4.8.49 DIAG0512 : "Fan - The (<Name>) fan is running faster than expected."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 2"

#### **2.4.8.50 DIAG0620 : "Network <Number> - <Failure Message>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Failure Message> = "Failed with Device Error"

#### **2.4.8.51 DIAG0621 : "Network <Number> - Driver version <Hex> outdated. Version <Hex> or newer required for "<EFI Driver Name>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Hex> = "00070222"
- <Hex> = "00070419"
- <EFI Driver Name> = "Broadcom 10 Gigabit Ethernet Driver"

#### **2.4.8.52 DIAG8001 : "No BIOS support for software interrupt <Hex>h, function(ah) <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "0xA3"
- <Hex> = "0x52"

#### **2.4.8.53 DIAG8002 : "No BIOS support for SMI interface function(ah) <Hex Function>h.;Sensor <Name> exceeded thermal zone <Decimal>. Peak zone was <Decimal>."**

When event is generated, message will have the following substitutions:

- <Hex Function> = "0x52"

- <Name> = "CPU Thermistor"
- <Decimal> = "7"
- <Decimal> = "8"

#### **2.4.8.54 DIAG8003 : "Fan - Unable to set Manufacturing Mode."**

#### **2.4.8.55 DIAG8004 : "Fan - Unable to determine fan speeds."**

#### **2.4.8.56 DIAG8005 : "LCD BIST not supported. or Fan - Fan speed failure. Expected at least <RPM>, observed <RPM>."**

When event is generated, message will have the following substitutions:

- <RPM> = "3500"
- <RPM> = "2600"

#### **2.4.8.57 DIAG8006 : "Fan - Unable to set fans to <High, Low, Original> speed. or No chipset event timer!"**

When event is generated, message will have the following substitutions:

- <High, Low, Original> = "High"

#### **2.4.8.58 DIAG8007 : "Log contains Fan events;Timer expected <Decimal> observed <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "55"
- <Decimal> = "AA"

#### **2.4.8.59 DIAG8008 : "Out of memory! fMalloc() Failed! :OR: Unable to allocate memory for object data. :OR: Unable to <Name> testable memory. :OR: Unable to start application processor(s) :OR: Unable to stop all APs. The system may be unstable and should be rebooted."**

When event is generated, message will have the following substitutions:

- <Name> = "allocate"

#### **2.4.8.60 DIAG8009 : "Cannot find memory to free! fFree() Failed with pointer <Hex>"**

When event is generated, message will have the following substitutions:

- <Hex> = "007C1234"

#### **2.4.8.61 DIAG8010 : "High-Precision event timer not found."**

#### **2.4.8.62 DIAG8011 : "Invalid status return from the device."**

#### **2.4.8.63 DIAG8012 : "Invalid parameter passed to the device.; Unknown test (<Decimal>) selected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "1"

#### **2.4.8.64 DIAG8013 : "LCD <Name> doesnt support test commands."**

When event is generated, message will have the following substitutions:

- <Name> = "LCD"

#### **2.4.8.65 DIAG8014 : "ADDF module (<Name>) device (<Name>) failed with error code <Hex>, number <hex>. No EPSA beep code mapped."**

When event is generated, message will have the following substitutions:

- <Name> = "8008"
- <Name> = "2"

#### **2.4.8.66 DIAG8015 : "Unable to stop all APs. The system may be unstable and should be rebooted."**

#### **2.4.8.67 DIAG8016 : "Battery - unable to retrieve battery health."**

#### **2.4.8.68 DIAG8017 : "Battery - BIOS has no support for battery health."**

#### **2.4.8.69 DIAG8018 : "Fatal: The module reported multiple test results!!"**

#### **2.4.8.70 DIAG8019 : "Unable to log to NVRAM."**

#### **2.4.8.71 DIAG8020 : "Low memory. <Decimal>k bytes free!"**

When event is generated, message will have the following substitutions:

- <Decimal> = "1000"

#### **2.4.8.72 DIAG8021 : "SMBIOS DIMM configuration did not match."**

#### **2.4.8.73 DIAG8170 : "PCIe - Training error PciTag-<tag> VendorID-<hex> DeviceID-<hex>SVid-<hex>SDid-<hex> Bus <decimal>: Link Degraded, maxLinkWidth = x<decimal>, negotiatedLinkWidth = x<decimal>, Slot <slot>"**

When event is generated, message will have the following substitutions:

- <tag> = "0300"
- <hex> = "1000"
- <hex> = "0073"
- <hex> = "1000"
- <hex> = "1F4E"
- <decimal> = "02"
- <decimal> = "2"
- <decimal> = "1"
- <slot> = "2"

#### **2.4.8.74 DIAG8171 : "PCIe - PCI device in physical Slot <decimal>, PciTag <hex>, is present but not responding"**

When event is generated, message will have the following substitutions:

- <decimal> = "1"
- <hex> = "300"

#### **2.4.8.75 DIAG8611 : "User reported not hearing speaker tone"**

#### **2.4.8.76 DIAG800B : "Retrieve vendor ID function error."**

#### **2.4.8.77 DIAG800C : "Get/Set inverter mode function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "Maxim"
- <Decimal> = "1"

#### **2.4.8.78 DIAG800D : "Set lamp off function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MicroSemi"
- <Decimal> = "2"

#### **2.4.8.79 DIAG800E : "Set lamp on function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MPS"
- <Decimal> = "3"

#### **2.4.8.80 DIAG800F : "Restore function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "O2"
- <Decimal> = "4"

## **2.4.9 Subcategory= Dell Key Mngr [MessageID prefix =DKM]**

**2.4.9.1 DKM1000 :** "A network problem detected. Cannot contact key management server."

**2.4.9.2 DKM1001 :** "The key management service is operating correctly."

**2.4.9.3 DKM1002 :** "Key management server certificate problem detected."

**2.4.9.4 DKM1004 :** "The key management server received a bad request."

**2.4.9.5 DKM1006 :** "Key management server error detected."

## **2.4.10 Subcategory= Fan Event [MessageID prefix =FAN]**

**2.4.10.1 FAN0000 :** "Fan <number> RPM is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.2 FAN0001 :** "Fan <number> RPM is less than the lower critical threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.3 FAN0002 :** "Fan <number> RPM is greater than the upper warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.4 FAN0003 :** "Fan <number> RPM is greater than the upper critical threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.5 FAN0004 :** "Fan <number> RPM is outside of range."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.6 FAN0005 :** "Fan <number> RPM is within range."

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.10.7 FAN0006 :** "Fan <number> is removed."

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.8 FAN0007 : "Fan <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.9 FAN0008 : "Fan <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.10 FAN0009 : "Fan <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.11 FAN0010 : "Fan <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.12 FAN0011 : "Fan <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.10.13 FAN0012 : "<fan name> RPM is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.14 FAN0013 : "<fan name> RPM is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.15 FAN0014 : "<fan name> RPM is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.16 FAN0015 : "<fan name> RPM is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.17 FAN0016 : "<fan name> RPM is outside of normal operating range."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.18 FAN0017 : "<fan name> RPM is within normal operating range."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **2.4.10.19 FAN0018 : "Enhanced Cooling Mode is not supported for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **2.4.10.20 FAN0019 : "An incompatibility between operating mode and fan type was corrected for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **2.4.10.21 FAN0020 : "The <fan name> is non-functional."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

#### **2.4.10.22 FAN0021 : "<fan name> is offline."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

#### **2.4.10.23 FAN0022 : "The <sensor name> sensor has failed, and the last recorded value by the sensor was <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"

#### **2.4.10.24 FAN0024 : "The <sensor name> sensor returned to a normal state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"

#### **2.4.10.25 FAN0025 : "The <sensor name> sensor state has changed to a warning state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"



#### **2.4.10.26 FAN0026 : "The <sensor name> sensor detected an error with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

#### **2.4.10.27 FAN0027 : "The <sensor name> sensor has failed with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

#### **2.4.10.28 FAN0023 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"

### **2.4.11 Subcategory= Fiber Channel [MessageID prefix =FC]**

#### **2.4.11.1 FC102 : "The FC <controller ID> port <port ID> link is not functioning either because the FC cable is not connected or the FC device is not functioning."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"
- <port ID> = " 1"

#### **2.4.11.2 FC103 : "The FC <controller ID> port <port ID> network connection is successfully started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"
- <port ID> = " 1"

### **2.4.12 Subcategory= Hardware Config [MessageID prefix =HWC]**

#### **2.4.12.1 HWC1000 : "The <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **2.4.12.2 HWC1001 : "The <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **2.4.12.3 HWC1002 : "The <name> is disabled."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **2.4.12.4 HWC1003 : "The <name> is enabled."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **2.4.12.5 HWC1004 : "The storage adapter is present."**

#### **2.4.12.6 HWC1005 : "The storage adapter is absent."**

#### **2.4.12.7 HWC1006 : "The storage adapter is disabled."**

#### **2.4.12.8 HWC1007 : "The storage adapter is enabled."**

#### **2.4.12.9 HWC1008 : "The backplane is present."**

#### **2.4.12.10 HWC1009 : "The backplane is absent."**

#### **2.4.12.11 HWC1010 : "The backplane is disabled."**

#### **2.4.12.12 HWC1011 : "The backplane is enabled."**

#### **2.4.12.13 HWC1012 : "The USB cable is present."**

#### **2.4.12.14 HWC1013 : "The USB cable is absent."**

#### **2.4.12.15 HWC1014 : "The mezzanine card <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **2.4.12.16 HWC1015 : "The mezzanine card <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **2.4.12.17 HWC1100 : "The <name> was installed in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "VGA"
- <number> = "1"

#### **2.4.12.18 HWC1101 : "The <name> is removed from slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "VGA"
- <number> = "1"

#### **2.4.12.19 HWC1200 : "The sled <sled name> is inserted in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **2.4.12.20 HWC1201 : "The sled <sled name> is removed from slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **2.4.12.21 HWC2000 : "The <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **2.4.12.22 HWC2001 : "The <name> cable or interconnect is not connected or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **2.4.12.23 HWC2002 : "The storage <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **2.4.12.24 HWC2003 : "The storage <name> cable is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **2.4.12.25 HWC2004 : "The system board <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **2.4.12.26 HWC2005 : "The system board <name> cable or interconnect is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **2.4.12.27 HWC2006 : "The <name> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **2.4.12.28 HWC2007 : "The <name> is installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **2.4.12.29 HWC2008 : "A fabric mismatch detected for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **2.4.12.30 HWC2009 : "Mezzanine card <number> is installed correctly."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **2.4.12.31 HWC2010 : "The riser board cable or interconnect is connected."**

#### **2.4.12.32 HWC2011 : "The riser board cable or interconnect is not connected, or is improperly connected."**

#### **2.4.12.33 HWC2012 : "A fabric mismatch detected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **2.4.12.34 HWC2013 : "Fabric mismatch corrected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **2.4.12.35 HWC2014 : "A hardware misconfiguration detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **2.4.12.36 HWC2015 : "The <name> is configured correctly."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.37 HWC3000 : "The <name> is removed."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.38 HWC3001 : "The <name> is inserted."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.39 HWC3002 : "Server <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.40 HWC3003 : "Server <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.41 HWC3004 : "IO module <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.42 HWC3005 : "IO module <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.43 HWC3006 : "Unable to QuickDeploy server in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "1"

#### **2.4.12.44 HWC4000 : "A hardware incompatibility detected between BMC/iDRAC firmware and CPU."**

#### **2.4.12.45 HWC4001 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU."**

#### **2.4.12.46 HWC4002 : "A hardware incompatibility detected between BMC/iDRAC firmware and other hardware."**

#### **2.4.12.47 HWC4003 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware."**

#### **2.4.12.48 HWC4010 : "Hardware successfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **2.4.12.49 HWC4011 : "Hardware unsuccessfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **2.4.12.50 HWC4012 : "Hardware successfully updated for embedded NIC."**

#### **2.4.12.51 HWC4013 : "Hardware unsuccessfully updated for embedded NIC."**

#### **2.4.12.52 HWC4014 : "Link Tuning data successfully updated."**

#### **2.4.12.53 HWC4015 : "Link Tuning error detected."**

#### **2.4.12.54 HWC4016 : "Hardware incompatibility detected with mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **2.4.12.55 HWC4017 : "A hardware incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server "
- <first component location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

#### **2.4.12.56 HWC4018 : "A hardware incompatibility was corrected between <first component name><first component location location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server"
- <first component location location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

#### **2.4.12.57 HWC5000 : "<name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "DVD"

#### **2.4.12.58 HWC5001 : "<name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "DVD"

#### **2.4.12.59 HWC5002 : "A fabric mismatch detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.60 HWC5003 : "<name> is operating correctly."**

When event is generated, message will have the following substitutions:

- <name> = "iDRAC"

#### **2.4.12.61 HWC5004 : "A link tuning failure detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.62 HWC5006 : "A failure is detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.63 HWC5008 : "Console is not available for the <name>."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **2.4.12.64 HWC5010 : "<name> cannot detect any hosts."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **2.4.12.65 HWC5012 : "On screen display (OSCAR) is not functional for the <name>."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **2.4.12.66 HWC5014 : "<name> is not functional and is powered off."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **2.4.12.67 HWC5030 : "IO module <number> is online."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.68 HWC5031 : "IO module <number> is offline."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.69 HWC5032 : "A fabric mismatch detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.70 HWC5033 : "IO module <number> is operating correctly."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.71 HWC5034 : "A link tuning failure detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.72 HWC5035 : "An over-temperature event detected on I/O module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.73 HWC5036 : "A failure is detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.74 HWC5037 : "I/O module <number> failed to boot."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **2.4.12.75 HWC6000 : "The <name> controller is offline."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **2.4.12.76 HWC6001 : "The <name> controller is online."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **2.4.12.77 HWC6002 : "The <name> controller is stuck in boot mode."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **2.4.12.78 HWC6003 : "The <name> controller is booting."**

When event is generated, message will have the following substitutions:



- <name> = "LCD"

#### **2.4.12.79 HWC6004 : "Cannot communicate with <name> controller."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.80 HWC6005 : "Communications restored for <name> controller."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **2.4.12.81 HWC7000 : "Server <number> health changed to a normal state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.82 HWC7002 : "Server <number> health changed to a warning state from a normal state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.83 HWC7004 : "Server <number> health changed to a critical state from either a normal or warning state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.84 HWC7006 : "Server <number> health changed to a non-recoverable state from a less severe state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.85 HWC7008 : "Server <number> health changed to a warning state from more severe state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.86 HWC7010 : "Server <number> health changed to a critical state from a non-recoverable state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.12.87 HWC7012 : "Server <number> health changed to a non-recoverable state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.12.88 HWC8004 : "The SD card device sensor has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**2.4.12.89 HWC8005 : "The SD card device has returned to normal state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**2.4.12.90 HWC8006 : "The SD card device state has changed to a warning state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**2.4.12.91 HWC8007 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**2.4.12.92 HWC8008 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**2.4.12.93 HWC8009 : "SD card device sensor value unknown. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"

- <state> = " NULL"

**2.4.12.94 HWC8501 :** "Unable to complete the operation because of an issue with the I/O panel cable."

**2.4.12.95 HWC8502 :** "The I/O panel cable is connected."

**2.4.12.96 HWC8503 :** "Communication to the control panel has been restored."

**2.4.12.97 HWC8504 :** "The Chassis Management Controller (CMC) cannot communicate with the control panel."

**2.4.12.98 HWC8506 :** "Unable to synchronize control panel firmware due to internal error."

**2.4.12.99 HWC8507 :** "The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used."

**2.4.12.100 HWC8508 :** "A device causing an issue in the I/O panel USB port is removed."

**2.4.12.101 HWC8509 :** "One or more PCIe switch heatsinks are not properly attached."

**2.4.12.102 HWC8510 :** "The heat sinks of the PCIe switches are properly attached."

### **2.4.13 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**2.4.13.1 IOV104 :** "The Chassis Management Controller (CMC) is unable to allocate <number of Watt> Watt for server-<server slot number> PCIe adapters."

When event is generated, message will have the following substitutions:

- <number of Watt> = ""

**2.4.13.2 IOV105 :** "Unable to manage PCIe adapter <device name> located in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.4.13.3 IOV106 :** "Unable to power on PCIe adapter <device name> in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.4.13.4 IOV107 :** "PCIe adapter <device name> in slot <slot number> was removed while powered on."

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.4.13.5 IOV108 : "Power fault detected on PCIE adapter <device name> in <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**2.4.13.6 IOV109 : "An error condition associated with the PCIe slot is cleared."**

**2.4.13.7 IOV110 : "Successfully updated Chassis Infrastructure firmware."**

**2.4.13.8 IOV111 : "Unable to update Chassis Infrastructure firmware."**

**2.4.13.9 IOV112 : "Chassis Infrastructure firmware is not valid."**

**2.4.13.10 IOV113 : "Chassis Infrastructure firmware re-installation is successful."**

**2.4.13.11 IOV116 : "PCIE AUX power cable <cable number>.was disconnected while powered on."**

When event is generated, message will have the following substitutions:

- <cable number> = ""

**2.4.13.12 IOV118 : "Fabric <fabric ID> is down."**

When event is generated, message will have the following substitutions:

- <fabric ID> = ""

**2.4.13.13 IOV2004 : "An issue is detected in the PCIe adapter that was turned on in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.13.14 IOV2005 : "The Chassis Management Controller (CMC) detected an issue in the 3.3 Volt Regulator of the PCIe module present in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.13.15 IOV2006 : "The power-related issue of the PCIe device in slot <slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.13.16 IOV2007 : "The 3.3 Volt Regulator power related issue on the PCIe carrier present in PCIe slot <slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.13.17 IOV2008 :** "The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem."

## **2.4.14 Subcategory= Link Status [MessageID prefix =LNK]**

**2.4.14.1 LNK0001 :** "Network share name unavailable."

**2.4.14.2 LNK0002 :** "Unable to resolve host name."

**2.4.14.3 LNK0003 :** "Unable to connect to the DNS server."

**2.4.14.4 LNK0004 :** "Unable to connect to FTP server."

**2.4.14.5 LNK0005 :** "Unable to connect to DHCP server."

**2.4.14.6 LNK2700 :** "The <name> network link is down."

When event is generated, message will have the following substitutions:

- <name> = "CMC"

**2.4.14.7 LNK2701 :** "The <name> network link is up."

When event is generated, message will have the following substitutions:

- <name> = "CMC"

**2.4.14.8 LNK8500 :** "Unable to connect the server in slot <slot id> to the IOM in slot <IOM slot id> port <IOM port id>, because the IOM port is down."

When event is generated, message will have the following substitutions:

- <slot id> = ""

**2.4.14.9 LNK8501 :** "The network connection of server in slot <slot id> IOM in slot <IOM slot id> port <IOM port id> is restarted."

When event is generated, message will have the following substitutions:

- <slot id> = ""

## **2.4.15 Subcategory= Log event [MessageID prefix =LOG]**

**2.4.15.1 LOG321 :** "The log status is unknown. Log type: <log type>."

When event is generated, message will have the following substitutions:

- <log type> = "Command"

**2.4.15.2 LOG322 :** "The log size is no longer near the maximum capacity. Log type: <log type>."

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **2.4.15.3 LOG323 : "The log size is near maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **2.4.15.4 LOG324 : "The log size has reached its maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **2.4.15.5 LOG325 : "Unable to receive any log entries. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

### **2.4.16 Subcategory= Memory [MessageID prefix =MEM]**

#### **2.4.16.1 MEM0000 : "Persistent correctable memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.2 MEM0001 : "Multi-bit memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.3 MEM0002 : "Parity memory errors detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.4 MEM0003 : "Stuck bit memory error detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.5 MEM0004 : "Memory device at location <location> is disabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.6 MEM0005 : "Persistent correctable memory error limit reached for a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.7 MEM0006 : "Memory device at location <location> is present."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.8 MEM0007 : "Unsupported memory configuration; check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.9 MEM0008 : "Memory device at location <location> is spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.10 MEM0009 : "Memory device at location <location> is throttled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.11 MEM0010 : "Memory device at location <location> is overheating."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.12 MEM0016 : "Memory device at location(s) <location> is operating correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.13 MEM0020 : "Memory device at location <location> is enabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.14 MEM0021 : "Persistent correctable memory error limit reset for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.15 MEM0022 : "Memory device at location <location> is absent."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.16 MEM0024 : "Memory device at location <location> is no longer spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.17 MEM0600 : "Memory device was added at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.18 MEM0601 : "Memory device is removed from location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.19 MEM0700 : "The persistent correctable memory error rate is at normal levels for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.20 MEM0701 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.21 MEM0702 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.22 MEM1000 : "Memory device at location <location> transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.23 MEM1001 : "Memory device at location <location> failed to transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.24 MEM1002 : "Memory device at location <location> is in test."**

When event is generated, message will have the following substitutions:



- <location> = "DIMM1"

#### **2.4.16.25 MEM1003 : "Memory device at location <location> failed to transition to in test."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.26 MEM1004 : "Memory device at location <location> is powered off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.27 MEM1005 : "Memory device at location <location> failed to power off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.28 MEM1006 : "Memory device at location <location> is online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.29 MEM1007 : "Memory device at location <location> failed to transition to online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.30 MEM1008 : "Memory device at location <location> is offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.31 MEM1009 : "Memory device at location <location> failed to transition to offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.32 MEM1010 : "Memory device at location <location> is off-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.33 MEM1011 : "Memory device at location <location> is on-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **2.4.16.34 MEM1012 : "Memory device at location <location> is in a degraded state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.35 MEM1013 : "Memory device at location <location> is in a full state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.36 MEM1014 : "Memory device at location <location> is in a power save state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.37 MEM1015 : "Memory device at location <location> is in a power active state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.38 MEM1016 : "Memory device at location <location> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.39 MEM1017 : "Memory device at location <location> is installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.40 MEM1200 : "Memory RAID is redundant."**

**2.4.16.41 MEM1201 : "Memory RAID redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.42 MEM1202 : "Memory RAID redundancy is degraded. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.43 MEM1203 : "Memory is not redundant."**

**2.4.16.44 MEM1204 : "Memory mirror is redundant."**

**2.4.16.45 MEM1205 : "Memory mirror redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.46 MEM1206 : "Memory mirror redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.47 MEM1207 : "Memory spare is redundant."**

**2.4.16.48 MEM1208 : "Memory spare redundancy is lost. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.49 MEM1209 : "Memory spare redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.50 MEM1210 : "Memory is redundant."**

**2.4.16.51 MEM1212 : "Memory redundancy is lost."**

**2.4.16.52 MEM1214 : "Memory redundancy is degraded."**

**2.4.16.53 MEM6000 : "Memory device monitoring is disabled."**

**2.4.16.54 MEM6001 : "Memory device status is unknown. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**2.4.16.55 MEM6002 : "Memory device status is normal. Memory device location: <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"

**2.4.16.56 MEM6003 : "Memory device status is non-critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**2.4.16.57 MEM6004 : "Memory device status is critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**2.4.16.58 MEM6005 : "Memory device has failed. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**2.4.16.59 MEM7000 : "The memory riser mismatch was corrected."**

**2.4.16.60 MEM7002 : "A hardware mismatch detected for memory riser."**

**2.4.16.61 MEM8000 : "Correctable memory error logging disabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.62 MEM8001 : "Persistent correctable memory error logging enabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**2.4.16.63 MEM9000 : "Memory interconnect degraded."**

**2.4.16.64 MEM9001 : "Memory interconnect is functioning normally."**

**2.4.16.65 MEM9002 : "Intel QPI interconnect <QPI link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

**2.4.16.66 MEM9003 : "Intel SMI 2 Memory interconnect <link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

**2.4.16.67 MEM9004 : "Intel QPI interconnect <QPI link number> has degraded."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **2.4.16.68 MEM9005 : "Intel SMI 2 Memory interconnect <link number> has degraded."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **2.4.16.69 MEM9006 : "Intel QPI interconnect <QPI link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **2.4.16.70 MEM9007 : "Intel SMI 2 Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **2.4.16.71 MEM9008 : "Intel DDR Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

### **2.4.17 Subcategory= NIC Config [MessageID prefix =NIC]**

#### **2.4.17.1 NIC100 : "The NIC <Controller> Port <Port> network link is down."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **2.4.17.2 NIC101 : "The NIC <controller ID> Port <port ID> network link is started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Integrated 1"
- <port ID> = " 1"

2.4.17.3 NIC500 : "The requested object is not allowed to be configured if DHCP \nis enabled."

2.4.17.4 NIC501 : "The requested object is not allowed to be configured if Auto Config \nis enabled."

2.4.17.5 NIC502 : "DHCP is required to be enabled on the NIC before DHCP can be \nenabled for DNS server or domain name objects."

2.4.17.6 NIC503 : "The DNS server IP address is not allowed to be configured \nif DNS server DHCP (cfgDNSServersFromDHCP) is enabled."

2.4.17.7 NIC504 : "The IPv6 DNS Server IP address is not allowed to be configured if\nIPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled"

2.4.17.8 NIC505 : "The DNS domain name is not allowed to be configured if \ndomain name DHCP (cfgDNSDomainNameFromDHCP) is enabled."

2.4.17.9 NIC506 : "The requested object requires DNS registration to be enabled."

2.4.17.10 NIC507 : "Unable to determine current NIC state."

2.4.17.11 NIC508 : "NIC teaming info is not currently available."

2.4.17.12 NIC509 : "NIC is now ENABLED"

2.4.17.13 NIC510 : "NIC is now DISABLED"

2.4.17.14 NIC511 : "NIC is already ENABLED"

2.4.17.15 NIC512 : "DHCP is already ENABLED"

2.4.17.16 NIC513 : "DHCP6 is already ENABLED"

2.4.17.17 NIC514 : "DHCP is now ENABLED"

2.4.17.18 NIC515 : "DHCP6 is now ENABLED"

2.4.17.19 NIC516 : "Static IP configuration enabled and modified successfully"

## **2.4.18 Subcategory= OS Event [MessageID prefix =OSE]**

2.4.18.1 OSE0000 : "A critical stop occurred during OS load."

2.4.18.2 OSE0001 : "A runtime critical stop occurred."

2.4.18.3 OSE0002 : "An OS graceful stop occurred."

2.4.18.4 OSE0003 : "An OS graceful shut-down occurred."

2.4.18.5 OSE0004 : "A soft shut-down initiated by platform event filter."

~~2.4.18.6~~ 2.4.18.6 OSE0005 : "Agent is not responding."

2.4.18.7 OSE1000 : "A: boot completed."

2.4.18.8 OSE1001 : "Failed to boot from A."

2.4.18.9 OSE1002 : "C: boot completed."

**<device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.3 PCI1304 : "An I/O channel check error was detected."**

**2.4.19.4 PCI1306 : "A software error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.5 PCI1308 : "A PCI parity error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.6 PCI1310 : "A PCI system error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.7 PCI1312 : "An EISA fail-safe time-out was detected."**

**2.4.19.8 PCI1314 : "A bus correctable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.9 PCI1316 : "A bus uncorrectable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.10 PCI1318 : "A fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.11 PCI1319 : "A high-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**2.4.19.12 PCI1320 : "A bus fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.13 PCI1321 : "A high-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**2.4.19.14 PCI1322 : "Bus performance degraded for a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.15 PCI1342 : "A bus time-out was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"



**2.4.19.16 PCI1344 : "An I/O channel check error was detected."**

**2.4.19.17 PCI1346 : "A software error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.18 PCI1348 : "A PCI parity error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.19 PCI1350 : "A PCI system error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.20 PCI1354 : "A bus correctable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.21 PCI1356 : "A bus uncorrectable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.22 PCI1358 : "A fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.23 PCI1360 : "A bus fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.24 PCI1362 : "Bus performance degraded for a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.25 PCI2000 : "A fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"

- <device> = "1"
- <func> = "1"

**2.4.19.26 PCI2001 : "The component at bus <bus> device <device> function <func> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.27 PCI2002 : "A fatal IO error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.28 PCI2003 : "The component at slot <number> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.29 PCI3000 : "Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress."**

**2.4.19.30 PCI3001 : "Device option ROM on embedded NIC was successfully updated."**

**2.4.19.31 PCI3002 : "Failed to program virtual MAC address on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.32 PCI3003 : "Virtual MAC address for component at bus <bus> device <device> function <func> was successfully programmed."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.33 PCI3004 : "Device option ROM on mezzanine card <number> failed to support Link Tuning or FlexAddress."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**2.4.19.34 PCI3005 : "Device option ROM on mezzanine card <number> was successfully updated."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**2.4.19.35 PCI3006 : "Failed to get Link Tuning or FlexAddress data from iDRAC."**

**2.4.19.36 PCI3007 : "Link Tuning or FlexAddress data successfully obtained."**

**2.4.19.37 PCI3008 : "A non-fatal PCIe error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.38 PCI3009 : "PCIe is operating normally on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.39 PCI3010 : "A non-fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.40 PCI3011 : "The component at bus <bus> device <device> function <func> recovered from a non-fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**2.4.19.41 PCI3012 : "The QuickPath Interconnect (QPI) width degraded."**

**2.4.19.42 PCI3013 : "The QuickPath Interconnect (QPI) width regained."**

**2.4.19.43 PCI3014 : "A non-fatal PCIe error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.44 PCI3015 : "The component at slot <number> recovered from a non-fatal PCIe error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.19.45 PCI3016 : "Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress."**

**2.4.19.46 PCI3017 : "Device option ROM on mezzanine card was successfully updated."**

**2.4.19.47 PCI3018 : "New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards."**

**2.4.19.48 PCI3019 : "A low-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**2.4.19.49 PCI3020 : "A low-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**2.4.19.50 PCI5004 : "A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.19.51 PCI5005 : "An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.19.52 PCI5006 : "The power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.19.53 PCI5007 : "The auxiliary power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.19.54 PCI5008 : "The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board."**

## **2.4.20 Subcategory= Physical Disk [MessageID prefix =PDR]**

### **2.4.20.1 PDR1000 : "Drive <number> is installed in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.2 PDR1001 : "Fault detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.3 PDR1002 : "A predictive failure detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.4 PDR1003 : "Drive <number> in disk drive bay <bay> is the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.5 PDR1004 : "Consistency check is in progress for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.6 PDR1005 : "Drive <number> in disk drive bay <bay> is in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

### **2.4.20.7 PDR1006 : "Drive <number> in disk drive bay <bay> is in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

- <bay> = "0"

#### **2.4.20.8 PDR1007 : "Rebuild is in progress for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.9 PDR1008 : "Rebuild was aborted for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.10 PDR1016 : "Drive <number> is removed from disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.11 PDR1017 : "Drive <number> in disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.12 PDR1019 : "Drive <number> in disk drive bay <bay> is no longer the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.13 PDR1020 : "Consistency check for drive <number> in disk drive bay <bay> completed."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.14 PDR1021 : "Drive <number> in disk drive bay <bay> is no longer in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.15 PDR1022 : "Drive <number> in disk drive bay <bay> is no longer in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.16 PDR1023 : "Rebuild completed for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.17 PDR1024 : "Drive mismatch detected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.18 PDR1025 : "Drive mismatch corrected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **2.4.20.19 PDR1100 : "Drive <number> is installed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.20 PDR1101 : "Fault detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.21 PDR1102 : "A predictive failure detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.22 PDR1103 : "Drive <number> is the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.23 PDR1104 : "Consistency check is in progress for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.24 PDR1105 : "Drive <number> is in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.25 PDR1106 : "Drive <number> is in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.26 PDR1107 : "Rebuild is in progress for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.27 PDR1108 : "Rebuild was aborted for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.28 PDR1116 : "Drive <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.29 PDR1117 : "Drive <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.30 PDR1119 : "Drive <number> is no longer the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.31 PDR1120 : "Consistency check for drive <number> completed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.32 PDR1121 : "Drive <number> is no longer in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.33 PDR1122 : "Drive <number> is no longer in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.20.34 PDR1123 : "Rebuild completed for drive <number>."**

When event is generated, message will have the following substitutions:



- <number> = "1"

## **2.4.21 Subcategory= System Performance Event [MessageID prefix =PFM]**

### **2.4.21.1 PFM0001 : "The value of <sensor name> is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

### **2.4.21.2 PFM0002 : "The value of <sensor name> is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

### **2.4.21.3 PFM0003 : "The value of <sensor name> is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

### **2.4.21.4 PFM0004 : "The value of <sensor name> is within specified limits."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

## **2.4.22 Subcategory= BIOS POST [MessageID prefix =PST]**

**2.4.22.1 PST0000 : "Unrecognized Post Code."**

**2.4.22.2 PST0001 : "System Power On."**

**2.4.22.3 PST0002 : "CPU Microcode load."**

**2.4.22.4 PST0003 : "Chipset Initialization."**

**2.4.22.5 PST0004 : "Memory Configuration."**

**2.4.22.6 PST0005 : "Shadow BIOS."**

**2.4.22.7 PST0006 : "Multiprocessor Initialization."**

**2.4.22.8 PST0007 : "POST processing start."**

**2.4.22.9 PST0008 : "System Management Mode (SMM)initialization."**

**2.4.22.10 PST0009 : "PCI bus enumeration & video initialization."**

**2.4.22.11 PST0010 : "iDRAC is ready."**

**2.4.22.12 PST0011 : "Extended Memory test started."**

**2.4.22.13 PST0012 : "Extended Memory test running \"**

**2.4.22.14 PST0013 : "Extended Memory test running /"**

**2.4.22.15 PST0014 : "Extended Memory test completed."**

**2.4.22.16 PST0064 : "Display sign-on."**

**2.4.22.17 PST0065 : "PCI configuration."**

**2.4.22.18 PST0080 : "An issue was detected. System at boot F1/F2 prompt. Requires entry to continue."**

**2.4.22.19 PST0081 : "No bootable devices."**

**2.4.22.20 PST0082 : "In BIOS Setup Menu."**

**2.4.22.21 PST0083 : "In BIOS Boot Menu."**

**2.4.22.22 PST0084 : "Automated Task application."**

**2.4.22.23 PST0085 : "Performing CSIOR."**

**2.4.22.24 PST0086 : "In Lifecycle Controller."**

**2.4.22.25 PST0087 : "Initializing iDRAC."**

282

**2.4.22.26 PST0088 : "Preparing to Boot."**

**2.4.22.27 PST0089 : "A problem was detected during Power-On Self-Test (POST)."**

**2.4.22.28 PST0090 : "A problem was detected related to the previous server boot."**

- <number> = "1"

#### **2.4.23.2 PSU0001 : "Power supply <number> failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.3 PSU0002 : "A predictive failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.4 PSU0003 : "The power input for power supply <number> is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.5 PSU0004 : "The power input for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.6 PSU0005 : "The power input for power supply <number> is outside of the allowable range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.7 PSU0006 : "Power supply <number> is incorrectly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.8 PSU0007 : "Power supply <number> is operating at 110 volts, and could cause a circuit breaker fault."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.9 PSU0017 : "Power supply <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.10 PSU0019 : "The input power for power supply <number> has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.11 PSU0022 : "Power supply <number> is correctly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.12 PSU0023 : "Power supply <number> operating at 110 volts has been acknowledged by user."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.13 PSU0031 : "Cannot communicate with power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.14 PSU0032 : "The temperature for power supply <number> is in a warning range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.15 PSU0033 : "The temperature for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.16 PSU0034 : "An under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.17 PSU0035 : "An over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.18 PSU0036 : "An over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.19 PSU0037 : "Fan failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.20 PSU0038 : "Power supply <number> fan is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.21 PSU0039 : "An under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.22 PSU0040 : "An output under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.23 PSU0041 : "An output over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.24 PSU0042 : "An output over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.25 PSU0043 : "An output under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.26 PSU0044 : "Cannot obtain status information from power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.27 PSU0045 : "Power supply <number> status information successfully obtained."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.28 PSU0046 : "Communication has been restored to power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.29 PSU0076 : "A power supply wattage mismatch is detected; power supply <number> is rated for <value> watts."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <value> = "500"

#### **2.4.23.30 PSU0077 : "Power supply <number> vendor type mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.31 PSU0078 : "Power supply <number> revision mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.32 PSU0080 : "Power supply <number> voltage rating does not match the systems requirements."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.33 PSU0090 : "Power supply <number> wattage mismatch corrected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.34 PSU0091 : "Power supply unit <PSU number> rating exceeds the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **2.4.23.35 PSU0092 : "Power supply unit <PSU number> rating is appropriate for the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **2.4.23.36 PSU100 : "Power supply <power supply unit> is offline."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **2.4.23.37 PSU101 : "Power supply <power supply unit> is not present."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **2.4.23.38 PSU102 : "Power supply <power supply unit> status is unknown."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

**2.4.23.39 PSU500 : "Unable to get the current server power status."**

**2.4.23.40 PSU501 : "Server is already powered ON."**

**2.4.23.41 PSU502 : "Server is already powered OFF."**

**2.4.23.42 PSU503 : "Server power status: <Status>"**

When event is generated, message will have the following substitutions:

- <Status> = "ON"

**2.4.23.43 PSU504 : "Server power operation successful"**

**2.4.23.44 PSU0800 : "Power Supply <PSU\_name>: Status = 0x<PSU\_Status>, IOU = 0x<Output\_Current>, VOUT= 0x<Output\_Voltage>, TEMP= 0x<Temp>, FAN = 0x<Fan>, INPUT= 0x<Input>"**

When event is generated, message will have the following substitutions:

- <PSU\_name> = "2"
- <PSU\_Status> = "00"
- <Output\_Current> = "0"
- <Output\_Voltage> = "0"
- <Temp> = "0"
- <Fan> = "0"
- <Input> = "0"

**2.4.23.45 PSU0801 : "Power Supply <PSU\_Name>: CRC error detected"**

When event is generated, message will have the following substitutions:

- <PSU\_Name> = "2"

**2.4.23.46 PSU0802 : "The power supply redundancy policy on the system has been set."**

**2.4.23.47 PSU0803 : "Insufficient power in chassis to power on server."**

**2.4.23.48 PSU0900 : "Power unit <number> is off."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.23.49 PSU0901 : "Power unit <number> is on."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.23.50 PSU0902 : "Power unit <number> was power cycled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.51 PSU0904 : "Could not power down 240VA on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.52 PSU0906 : "An interlock power down error detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.53 PSU0907 : "An interlock power down error was corrected for power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.54 PSU0908 : "Power lost on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.55 PSU0909 : "Power restored on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.56 PSU0910 : "Soft power control failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.57 PSU0911 : "Soft power control restored on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.58 PSU0912 : "A failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.59 PSU0913 : "Power unit <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.23.60 PSU0914 : "A predictive failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:



- <number> = "1"

#### **2.4.24 Subcategory= PSU Absent [MessageID prefix =PSUA]**

##### **2.4.24.1 PSUA0016 : "Power supply <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.25 Subcategory= Power Usage [MessageID prefix =PWR]**

##### **2.4.25.1 PWR0100 : "The power button was pressed."**

##### **2.4.25.2 PWR0101 : "The power button was released."**

##### **2.4.25.3 PWR0102 : "The sleep button was pressed."**

##### **2.4.25.4 PWR0103 : "The sleep button was released."**

##### **2.4.25.5 PWR0104 : "The reset button was pressed."**

##### **2.4.25.6 PWR0105 : "The reset button was released."**

##### **2.4.25.7 PWR0106 : "The <name> is latched."**

When event is generated, message will have the following substitutions:

- <name> = "VR"

##### **2.4.25.8 PWR0107 : "The <name> is unlatched."**

When event is generated, message will have the following substitutions:

- <name> = "VR"

##### **2.4.25.9 PWR0108 : "The <name> service was requested."**

When event is generated, message will have the following substitutions:

- <name> = "OCS"

##### **2.4.25.10 PWR0109 : "The <name> service has completed."**

When event is generated, message will have the following substitutions:

- <name> = "OCS"

**2.4.25.11 PWR200 :** "Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature."

**2.4.25.12 PWR201 :** "Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode. Do you want to continue?"

**2.4.25.13 PWR202 :** "Enabling the Max Power Conservation Mode (MPCM) feature forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers."

**2.4.25.14 PWR203 :** "Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled."

**2.4.25.15 PWR204 :** "Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature."

**2.4.25.16 PWR205 :** "The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled."

**2.4.25.17 PWR206 :** "The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled."

**2.4.25.18 PWR207 :** "The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled."

**2.4.25.19 PWR209 :** "Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**2.4.25.20 PWR210 :** "The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**2.4.25.21 PWR211 :** "Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled."

**2.4.25.22 PWR213 :** "Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled."

**2.4.25.23 PWR214 :** "Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled."

**2.4.25.24 PWR216 :** "Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy."

**2.4.25.25 PWR218 :** "Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled."

**2.4.25.26 PWR219 :** "The Extended Power Performance (EPP) feature cannot be enabled because the PSU in slot <slot number> is not a 3000 W PSU."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.4.25.27 PWR220 : "The Extended Power Performance (EPP) feature cannot be enabled because slot <slot number> is empty."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

2.4.25.28 PWR221 : "The Extended Power Performance (EPP) feature is already disabled."

2.4.25.29 PWR222 : "The Extended Power Performance (EPP) feature is already enabled."

2.4.25.30 PWR223 : "Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled."

2.4.25.31 PWR1000 : "The system performance restored."

2.4.25.32 PWR1001 : "The system performance degraded."

2.4.25.33 PWR1002 : "The system performance degraded because of thermal protection."

2.4.25.34 PWR1003 : "The system performance degraded because cooling capacity has changed."

2.4.25.35 PWR1004 : "The system performance degraded because power capacity has changed."

2.4.25.36 PWR1005 : "The system performance degraded because of user-defined power capacity has changed."

2.4.25.37 PWR1006 : "The system halted because system power exceeds capacity."

2.4.25.38 PWR1007 : "The system performance degraded because power exceeds capacity."

2.4.25.39 PWR1008 : "The system performance degraded because power draw exceeds the power threshold."

2.4.25.40 PWR1009 : "System power capacity is restored."

2.4.25.41 PWR2000 : "The system powered up."

2.4.25.42 PWR2001 : "The system hard reset."

2.4.25.43 PWR2002 : "The system warm reset."

2.4.25.44 PWR2003 : "User requested a PXE boot."

2.4.25.45 PWR2004 : "System booted automatically into diagnostics."

2.4.25.46 PWR2005 : "The OS run-time software initiated a hard reset."

2.4.25.47 PWR2006 : "The OS run-time software initiated a warm reset."

2.4.25.48 PWR2007 : "System restarted."

2.4.25.49 PWR2200 : "The system is in the ON state."

2.4.25.50 PWR2201 : "The system is sleeping with system hardware and processor context

maintained."

**2.4.25.51 PWR2202 :** "The system is sleeping with lost processor context."

**2.4.25.52 PWR2203 :** "The system is sleeping with system hardware and processor context lost."

**2.4.25.53 PWR2204 :** "The system is in a non-volatile sleep state."

**2.4.25.54 PWR2205 :** "The system is in a soft-off state."

**2.4.25.55 PWR2207 :** "The system is in a mechanical off state."

**2.4.25.56 PWR2208 :** "The system is in a sleep state."

**2.4.25.57 PWR2209 :** "The system is in an undermined sleep state."

**2.4.25.58 PWR2210 :** "The system was forced into a soft-off state."

**2.4.25.59 PWR2211 :** "The system is in legacy ON state."

**2.4.25.60 PWR2212 :** "The system is in legacy OFF state."

**2.4.25.61 PWR2400 :** "Power management firmware unable to maintain power limit"

**2.4.25.62 PWR2401 :** "Power management firmware initialization error"

**2.4.25.63 PWR2402 :** "iDRAC is unable to communicate with power management firmware."

**2.4.25.64 PWR2403 :** "iDRAC communication with power management firmware has been restored."

**2.4.25.65 PWR3000 :** "The system is being shut down for thermal protection."

**2.4.25.66 PWR3001 :** "Detected new peak power value. Peak value (in Watts): <peak value>."

When event is generated, message will have the following substitutions:

- <peak value> = "100"

2.4.25.67 PWR8557 : "The System Input Power Cap is too low to be enforced using the current Power Supply configuration."

2.4.25.68 PWR8558 : "The System Input Power Cap is being enforced with the current Power Supply configuration."

#### **2.4.26 Subcategory= RAC Event [MessageID prefix =RAC]**

2.4.26.1 RAC0560 : "RAC Software Initialization Error"

2.4.26.2 RAC0561 : "iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots."

2.4.26.3 RAC0562 : "iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots."

2.4.26.4 RAC0728 : "The Quick Sync communication is no longer functioning."

2.4.26.5 RAC918 : "Unable to get the inlet temperature data."

2.4.26.6 RAC1034 : "This action will ungracefully turn off the server."

#### **2.4.27 Subcategory= Redundancy [MessageID prefix =RDU]**

2.4.27.1 RDU0001 : "The fans are redundant."

2.4.27.2 RDU0002 : "Fan redundancy is lost."

2.4.27.3 RDU0003 : "Fan redundancy is degraded."

2.4.27.4 RDU0004 : "The fans are not redundant."

2.4.27.5 RDU0005 : "The fans are not redundant. Insufficient resources to maintain normal operations."

2.4.27.6 RDU0011 : "The power supplies are redundant."

2.4.27.7 RDU0012 : "Power supply redundancy is lost."

2.4.27.8 RDU0013 : "Power supply redundancy is degraded."

2.4.27.9 RDU0014 : "The power supplies are not redundant."

2.4.27.10 RDU0015 : "The power supplies are not redundant. Insufficient resources to maintain normal operations."

2.4.27.11 RDU0016 : "The storage voltage is redundant."

2.4.27.12 RDU0017 : "The storage power redundancy is no longer available."

2.4.27.13 RDU0018 : "The storage power redundancy is degraded."

2.4.27.14 RDU0019 : "The storage voltage is not redundant."

2.4.27.15 RDU0020 : "Power supply redundancy is disabled."

2.4.27.16 RDU0021 : "Unable to determine the redundancy status of the power supply units."

2.4.27.17 RDU0022 : "Fan redundancy is disabled."

- <name> = "12v"

#### **2.4.27.20 RDU0031 : "The <name> voltage redundancy is lost."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **2.4.27.21 RDU0032 : "The <name> voltage redundancy is degraded."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **2.4.27.22 RDU0033 : "The <name> voltage is not redundant."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

### **2.4.28 Subcategory= IDSDM Media [MessageID prefix =RFL]**

#### **2.4.28.1 RFL2000 : "Internal Dual SD Module <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.2 RFL2002 : "Internal Dual SD Module <name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.3 RFL2003 : "Internal Dual SD Module <name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.4 RFL2004 : "Failure detected on Internal Dual SD Module <name>."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.5 RFL2005 : "Internal Dual SD Module <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.6 RFL2006 : "Internal Dual SD Module <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.7 RFL2007 : "Internal Dual SD Module <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.8 RFL2008 : "Internal Dual SD Module <name> is disabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **2.4.28.9 RFL2009 : "Internal Dual SD Module <name> is enabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"

### **2.4.29 Subcategory= IDSDM Absent [MessageID prefix =RFLA]**

#### **2.4.29.1 RFLA2001 : "Internal Dual SD Module <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"



### **2.4.30 Subcategory= FlexAddress SD [MessageID prefix =RFM]**

- 2.4.30.1 RFM1018 : "Removable Flash Media is absent."
- 2.4.30.2 RFM1019 : "Removable Flash Media is present."
- 2.4.30.3 RFM1020 : "Removable Flash Media is IPMI-function ready."
- 2.4.30.4 RFM1021 : "Removable Flash Media is not IPMI-function ready."
- 2.4.30.5 RFM1022 : "Removable Flash Media is ready."
- 2.4.30.6 RFM1023 : "Removable Flash Media is not ready."
- 2.4.30.7 RFM1024 : "Removable Flash Media is offline."
- 2.4.30.8 RFM1025 : "Removable Flash Media is online."
- 2.4.30.9 RFM1026 : "Failure detected on Removable Flash Media."
- 2.4.30.10 RFM1027 : "Removable Flash Media is operating normally."
- 2.4.30.11 RFM1028 : "Removable Flash Media was activated."
- 2.4.30.12 RFM1029 : "Removable Flash Media was deactivated."
- 2.4.30.13 RFM1030 : "Removable Flash Media is booting."
- 2.4.30.14 RFM1031 : "Removable Flash Media has finished booting."
- 2.4.30.15 RFM1032 : "Removable Flash Media is write protected."
- 2.4.30.16 RFM1033 : "Removable Flash Media is writable."
- 2.4.30.17 RFM1034 : "Media not present for Removable Flash Media."
- 2.4.30.18 RFM1035 : "Media is present for Removable Flash Media."

### **2.4.31 Subcategory= IDS DM Redundancy [MessageID prefix =RRDU]**

- 2.4.31.1 RRDU0001 : "Internal Dual SD Module is redundant."
- 2.4.31.2 RRDU0002 : "Internal Dual SD Module redundancy is lost."
- 2.4.31.3 RRDU0003 : "Internal Dual SD Module redundancy is degraded."
- 2.4.31.4 RRDU0004 : "Internal Dual SD Module is not redundant."
- 2.4.31.5 RRDU0005 : "Internal Dual SD Module is not redundant. Insufficient resources to maintain normal operations."
- 2.4.31.6 RRDU0006 : "Internal Dual SD Module rebuild initiated."
- 2.4.31.7 RRDU0007 : "Internal Dual SD Module rebuild completed successfully."
- 2.4.31.8 RRDU0008 : "Internal Dual SD Module rebuild did not complete successfully."
- 2.4.31.9 RRDU0010 : "Internal SD Module redundancy is disabled."

Module."

## **2.4.32 Subcategory= Security Event [MessageID prefix =SEC]**

**2.4.32.1 SEC0000 : "The chassis is open."**

**2.4.32.2 SEC0001 : "The drive bay is open."**

**2.4.32.3 SEC0002 : "The I/O card area is open."**

**2.4.32.4 SEC0003 : "The processor area is open."**

**2.4.32.5 SEC0004 : "The LAN is disconnected."**

**2.4.32.6 SEC0005 : "Unauthorized docking is detected."**

**2.4.32.7 SEC0006 : "The fan area is open."**

**2.4.32.8 SEC0016 : "The chassis is closed."**

**2.4.32.9 SEC0017 : "The drive bay is closed."**

**2.4.32.10 SEC0018 : "The I/O card area is closed."**

**2.4.32.11 SEC0019 : "The processor area is closed."**

**2.4.32.12 SEC0020 : "The LAN is connected."**

**2.4.32.13 SEC0021 : "The docking is authorized."**

**2.4.32.14 SEC0022 : "The fan area is closed."**

**2.4.32.15 SEC0031 : "The chassis is open while the power is on."**

**2.4.32.16 SEC0032 : "The chassis is closed while the power is on."**

**2.4.32.17 SEC0033 : "The chassis is open while the power is off."**

**2.4.32.18 SEC0034 : "The chassis is closed while the power is off."**

**2.4.32.19 SEC0040 : "A critical stop occurred during OS load."**

**2.4.32.20 SEC0041 : "BIOS is unable to configure the Intel Trusted Execution Technology (TXT)."**

**2.4.32.21 SEC0042 : "Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation."**

**2.4.32.22 SEC0043 : "BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST."**

**2.4.32.23 SEC0044 : "SINIT Authenticated Code Module detected an Intel Trusted Execution**

Technology (TXT) problem at boot."

2.4.32.24 SEC0045 : "Intel Trusted Execution Technology (TXT) is operating correctly."

2.4.32.25 SEC0051 : "Unable to determine the redundancy status of the chassis intrusion sensor."

2.4.32.26 SEC0052 : "Chassis intrusion sensor may have failed."

2.4.32.27 SEC0600 : "A secure mode violation detected."

2.4.32.28 SEC0601 : "A secure mode violation was corrected."

2.4.32.29 SEC0602 : "User password violation detected."

2.4.32.30 SEC0603 : "User password violation was corrected."

2.4.32.31 SEC0604 : "A setup password violation detected."

2.4.32.32 SEC0605 : "A setup password violation was corrected."

2.4.32.33 SEC0606 : "The network boot password violation detected."

2.4.32.34 SEC0607 : "The network boot password violation was corrected."

2.4.32.35 SEC0608 : "A password violation detected."

2.4.32.36 SEC0609 : "A password violation was corrected."

2.4.32.37 SEC0610 : "An Out-of-band password violation detected."

2.4.32.38 SEC0611 : "An Out-of-band password violation was corrected."

2.4.32.39 SEC0612 : "The default username and password is currently in use. It is recommended to immediately change the default credentials."

2.4.32.40 SEC0613 : "The default username and password is changed."

### 2.4.33 Subcategory= Sys Event Log [MessageID prefix =SEL]

2.4.33.1 SEL0002 : "Logging is disabled."

2.4.33.2 SEL0003 : "Logging is enabled."

2.4.33.3 SEL0004 : "Log cleared."

2.4.33.4 SEL0006 : "All event logging is disabled."

2.4.33.5 SEL0007 : "All event logging is enabled."

2.4.33.6 SEL0008 : "System event log (SEL) is full."

2.4.33.7 SEL0010 : "System event log (SEL) is almost full."

2.4.33.8 SEL0012 : "Could not create or initialize the system event log."

2.4.33.9 SEL0013 : "The system event log was created or initialized successfully."

2.4.33.10 SEL0014 : "The System Event Log (SEL) was cleared by <username> from <IP

**address>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"

2.4.33.11 SEL1200 : "The system was reconfigured."

2.4.33.12 SEL1202 : "OEM system boot."

2.4.33.13 SEL1204 : "An unknown system hardware failure detected."

2.4.33.14 SEL1205 : "The unknown system hardware failure was corrected."

2.4.33.15 SEL1206 : "An entry was added to auxiliary log."

2.4.33.16 SEL1207 : "An entry was removed from auxiliary log."

2.4.33.17 SEL1208 : "A platform event filter action was executed."

2.4.33.18 SEL1209 : "The platform event filter action failed."

2.4.33.19 SEL1210 : "The time-stamp clock is synchronized."

2.4.33.20 SEL1211 : "The time-stamp clock could not be synchronized."

2.4.33.21 SEL1300 : "No bootable media found."

2.4.33.22 SEL1301 : "Bootable media found."

2.4.33.23 SEL1302 : "Non-bootable diskette detected."

2.4.33.24 SEL1303 : "Bootable diskette detected."

2.4.33.25 SEL1304 : "The PXE server not found."

2.4.33.26 SEL1305 : "The PXE server found."

2.4.33.27 SEL1306 : "Invalid boot sector found."

2.4.33.28 SEL1307 : "Boot sector found."

2.4.33.29 SEL1308 : "A time-out occurred while waiting for user to select a boot source."

2.4.33.30 SEL1309 : "User selected a boot source."

2.4.33.31 SEL1400 : "The platform generated a page alert."

2.4.33.32 SEL1402 : "The platform generated a LAN alert."

2.4.33.33 SEL1404 : "A platform event trap (PET) was generated."

2.4.33.34 SEL1406 : "The platform generated a SNMP trap."

2.4.33.35 SEL1500 : "The chassis management controller (CMC) is redundant."

2.4.33.36 SEL1501 : "Chassis management controller (CMC) redundancy is lost."

2.4.33.37 SEL1502 : "Chassis management controller (CMC) redundancy is degraded."

2.4.33.38 SEL1503 : "The chassis management controller (CMC) is not redundant."

2.4.33.39 SEL1504 : "The chassis management controller (CMC) is not redundant."

**Insufficient resources to maintain normal operations."**

**2.4.33.40 SEL1506 : "Lost communications with Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.41 SEL1507 : "Communications restored with Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.42 SEL1508 : "Member <number> could not join the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.43 SEL1509 : "Member <number> has joined the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.44 SEL1510 : "An authentication error detected for Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.45 SEL1511 : "Member <number> removed from the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.33.46 SEL9900 : "An unsupported event occurred."**

**2.4.33.47 SEL9901 : "OEM software event."**

**2.4.33.48 SEL9902 : "System software event."**

**2.4.34 Subcategory= Software Config [MessageID prefix =SWC]**

**2.4.34.1 SWC0142 : "Certificate successfully uploaded to the RAC."**

**2.4.34.2 SWC0700 : "iDRAC is not ready. The configuration values cannot be accessed. Please retry after a few minutes."**

**2.4.34.3 SWC4004 : "A firmware or software incompatibility detected between iDRAC in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.34.4 SWC4005 : "A firmware or software incompatibility was corrected between iDRAC in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.34.5 SWC4006 : "A firmware or software incompatibility detected between system BIOS in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.34.6 SWC4007 : "A firmware or software incompatibility was corrected between system BIOS in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**2.4.34.7 SWC4008 : "A firmware or software incompatibility detected between CMC 1 and CMC 2."**

**2.4.34.8 SWC4009 : "A firmware or software incompatibility was corrected between CMC 1 and CMC 2."**

**2.4.34.9 SWC4010 : "<network device name>< network device location> in Server-<server location> requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions."**

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card, A1, 1"

**2.4.34.10 SWC4011 : "A firmware or software incompatibility is automatically corrected between the <network device name><network device location> in Server-<server location> and the Chassis Management Controller (CMC)."**

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card"
- <network device location> = " A1"
- <server location> = " 1"

**2.4.34.11 SWC4012 : "A firmware or software incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"

- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**2.4.34.12 SWC4013 : "A firmware or software incompatibility was corrected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"
- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**2.4.34.13 SWC5000 : "<name> upgrade was successful."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"

**2.4.34.14 SWC5001 : "<name> upgrade failed."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"

**2.4.34.15 SWC5002 : "<name> upgrade was successful but encountered minor errors."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"



**2.4.34.16 SWC5003 :** "System Controller (SC) has either stopped functioning or is updating a firmware version."

**2.4.34.17 SWC5004 :** "System Controller (SC) has restarted functioning."

### **2.4.35 Subcategory= System Info [MessageID prefix =SYS]**

**2.4.35.1 SYS083 :** "Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed."

**2.4.35.2 SYS084 :** "Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed."

**2.4.35.3 SYS085 :** "Successfully exported the ePSA Diagnostics results."

**2.4.35.4 SYS086 :** "Unable to copy the ePSA Diagnostics results file to the network share."

**2.4.35.5 SYS092 :** "The iDRAC is collecting information about the server for a Tech Support Report."

**2.4.35.6 SYS093 :** "The iDRAC is exporting the Tech Support Report."

**2.4.35.7 SYS094 :** "The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server."

**2.4.35.8 SYS095 :** "Unable to unmount an iDRAC internal storage partition."

**2.4.35.9 SYS096 :** "Required ePSA Diagnostics binary does not exist."

**2.4.35.10 SYS098 :** "A Remote Diagnostic (ePSA) job already exists."

**2.4.35.11 SYS099 :** "Unable to export the diagnostics results because the results do not exist."

**2.4.35.12 SYS105 :** "Unable to process the event: <event> Date and time of event: <date time>."

When event is generated, message will have the following substitutions:

- <event> = "OEM software event"
- <date time> = "Tue Jan 08 10:56:54 2013"

**2.4.35.13 SYS114 :** "The IPMI status for the interface: <interface>, Baseboard Management Controller (BMC): <BMC>, Sensor Data Records (SDR): <SDR>, System Event Log (SEL): <SEL>."

When event is generated, message will have the following substitutions:

- <interface> = "OS"
- <BMC> = " present"

- <SDR> = " present"
- <SEL> = " present"

2.4.35.14 SYS115 : "The power cord sensor is non-functional."

2.4.35.15 SYS116 : "Unable to determine the status of the power cord."

2.4.35.16 SYS117 : "The input power supply is restored."

2.4.35.17 SYS118 : "The input power supply is not available."

2.4.35.18 SYS119 : "Unable to expose the OS Collector to the server OS."

2.4.35.19 SYS120 : "Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled."

2.4.35.20 SYS121 : "The operation to collect OS and Application Data was cancelled using iDRAC Web UI."

2.4.35.21 SYS122 : "OS Collector: The operation to collect OS and Application Data is successfully completed."

2.4.35.22 SYS123 : "OS Collector: An unexpected issue has been encountered."

2.4.35.23 SYS124 : "OS Collector: The OS Collector application does not support execution in the OS installed on the server."

2.4.35.24 SYS125 : "OS Collector: Unable to communicate with WMI services."

2.4.35.25 SYS126 : "OS Collector: Unable to collect Application Data."

2.4.35.26 SYS127 : "OS Collector: Unable to collect OS log data"

2.4.35.27 SYS128 : "OS Collector: Unable to generate a zip archive of the OS and Application Data report."

2.4.35.28 SYS129 : "OS Collector: Unable to complete XML transform on the data collected."

2.4.35.29 SYS130 : "OS Collector: Unable to create filename for zip archive."

2.4.35.30 SYS131 : "OS Collector: Unable to communicate with the OS IPMI service."

2.4.35.31 SYS132 : "OS Collector: Unable to communicate with OS Collector IPMI library."

2.4.35.32 SYS133 : "OS Collector: IPMI session error."

2.4.35.33 SYS134 : "OS Collector: Zip archive size exceeded the limit."

2.4.35.34 SYS135 : "OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the applciation successfully."

2.4.35.35 SYS136 : "An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system."

2.4.35.36 SYS137 : "Unable to start the collection of OS and Application Data because the

**Lifecycle Controller is not enabled."**

**2.4.35.37 SYS138 : "Unable to start the collection of OS and Application Data because the server is turned off."**

**2.4.35.38 SYS139 : "Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup."**

**2.4.35.39 SYS140 : "Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS."**

**2.4.35.40 SYS165 : "One or more Tech Support Report data collection options selected did not complete successfully."**

**2.4.35.41 SYS166 : "The collection of OS and Application Data did not start within the allocated time."**

**2.4.35.42 SYS167 : "TTY Log data export did not complete within the allocated time."**

**2.4.35.43 SYS169 : "The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature."**

**2.4.35.44 SYS172 : "A Remote Diagnostic operation has been interrupted."**

**2.4.35.45 SYS173 : "Unable to retrieve the TTY Log because another operation is in progress on the RAID controller."**

**2.4.35.46 SYS174 : "Unable to access network share for exporting Tech Support Report (TSR)."**

**2.4.35.47 SYS177 : "There was an issue retrieving Hardware data."**

**2.4.35.48 SYS178 : "Unable to retrieve TTY log data because no storage controllers are detected in the server."**

**2.4.35.49 SYS179 : "Unable to export TTY log data because the storage controller present in the server does not support the feature."**

**2.4.35.50 SYS180 : "There was an issue encountered when attempted to export TTY Log data for the storage controller <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "ControllerName"

**2.4.35.51 SYS181 :** "Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC."

**2.4.35.52 SYS182 :** "Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress."

**2.4.35.53 SYS183 :** "Unable to allocate memory because of insufficient storage space in iDRAC."

**2.4.35.54 SYS184 :** "Unable to compute the checksum because OS Collector files are not readable."

**2.4.35.55 SYS185 :** "The Tech Support Report job has been cancelled."

**2.4.35.56 SYS186 :** "Unable to start the collection of TTY log data because the server is turned off."

**2.4.35.57 SYS187 :** "Unable to start the collection of TTY log data because the server is in POST and has not finished startup."

## **2.4.36 Subcategory= Temperature [MessageID prefix =TMP]**

**2.4.36.1 TMP0100 :** "The system board <name> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**2.4.36.2 TMP0101 :** "The system board <name> temperature is less than the lower critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**2.4.36.3 TMP0102 :** "The system board <name> temperature is greater than the upper warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**2.4.36.4 TMP0103 :** "The system board <name> temperature is greater than the upper critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**2.4.36.5 TMP0104 :** "The system board <name> temperature is outside of range."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **2.4.36.6 TMP0105 : "The system board <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **2.4.36.7 TMP0106 : "The memory module <number> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.8 TMP0107 : "The memory module <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.9 TMP0108 : "The memory module <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.10 TMP0109 : "The memory module <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.11 TMP0110 : "The memory module <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.12 TMP0111 : "The memory module <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.13 TMP0112 : "The <name> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **2.4.36.14 TMP0113 : "The <name> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**2.4.36.15 TMP0114 : "The <name> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**2.4.36.16 TMP0115 : "The <name> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**2.4.36.17 TMP0116 : "The <name> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**2.4.36.18 TMP0117 : "The <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

2.4.36.19 TMP0118 : "The system inlet temperature is less than the lower warning threshold."

2.4.36.20 TMP0119 : "The system inlet temperature is less than the lower critical threshold."

2.4.36.21 TMP0120 : "The system inlet temperature is greater than the upper warning threshold."

2.4.36.22 TMP0121 : "The system inlet temperature is greater than the upper critical threshold."

2.4.36.23 TMP0122 : "The system inlet temperature is outside of range."

2.4.36.24 TMP0123 : "The system inlet temperature is within range."

2.4.36.25 TMP0124 : "Disk drive bay temperature is less than the lower warning threshold."

2.4.36.26 TMP0125 : "Disk drive bay temperature is less than the lower critical threshold."

2.4.36.27 TMP0126 : "Disk drive bay temperature is greater than the upper warning threshold."

2.4.36.28 TMP0127 : "Disk drive bay temperature is greater than the upper critical threshold."

2.4.36.29 TMP0128 : "Disk drive bay temperature is outside of range."

2.4.36.30 TMP0129 : "Disk drive bay temperature is within range."

2.4.36.31 TMP0130 : "The control panel temperature is less than the lower warning threshold."

2.4.36.32 TMP0131 : "The control panel temperature is less than the lower critical threshold."

2.4.36.33 TMP0132 : "The control panel temperature is greater than the upper warning threshold."

2.4.36.34 TMP0133 : "The control panel temperature is greater than the upper critical threshold."

2.4.36.35 TMP0134 : "The control panel temperature is outside of range."

2.4.36.36 TMP0135 : "The control panel temperature is within range."

2.4.36.37 TMP0136 : "The system is automatically turned off because of insufficient cooling."

2.4.36.38 TMP0137 : "The system cooling is working normally."

2.4.36.39 TMP0138 : "The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload."

2.4.36.40 TMP0200 : "CPU <number> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:



- <number> = "1"

#### **2.4.36.41 TMP0201 : "CPU <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.42 TMP0202 : "CPU <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.43 TMP0203 : "CPU <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.44 TMP0204 : "CPU <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.45 TMP0205 : "CPU <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **2.4.36.46 TMP0300 : "The Enhanced Cooling Mode feature is enabled."**

#### **2.4.36.47 TMP0301 : "The Enhanced Cooling Mode feature is disabled."**

#### **2.4.36.48 TMP0302 : "Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available."**

#### **2.4.36.49 TMP500 : "The <sensor name> sensor has failed with value the <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

#### **2.4.36.50 TMP501 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"

**2.4.36.51 TMP502 : "The <sensor name> sensor has returned to a normal state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 27"

**2.4.36.52 TMP503 : "The <sensor name> sensor state has changed to a warning state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**2.4.36.53 TMP504 : "The <sensor name> sensor has detected an error with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**2.4.36.54 TMP505 : "The <sensor name> sensor has failed with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

## **2.4.37 Subcategory= Temperature Statistics [MessageID prefix =TMPS]**

**2.4.37.1 TMPS0100 : "Inlet temperature is above warning level for extended duration."**

**2.4.37.2 TMPS0101 : "Inlet temperature is above critical level for extended duration."**

**2.4.37.3 TMPS0102 : "Inlet temperature is above warning level for extended duration."**

**2.4.37.4 TMPS0103 : "Inlet temperature is above critical level for extended duration."**

## **2.4.38 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**2.4.38.1 UEFI0000 : "CPU Exception Type 0x00: Divide by Zero (Software)."**

**2.4.38.2 UEFI0001 : "CPU Exception Type 0x03: Breakpoint (Software)."**

**2.4.38.3 UEFI0002 : "CPU Exception Type 0x04: Overflow (Software)."**

**2.4.38.4 UEFI0003 : "CPU Exception Type 0x05: BOUND Range Exceeded (Software)."**

**2.4.38.5 UEFI0004 : "CPU Exception Type 0x06: Invalid Opcode (Software)."**

**2.4.38.6 UEFI0005 : "CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware)."**

**2.4.38.7 UEFI0006 : "CPU Exception Type 0x08: Double Fault (Software)."**

**2.4.38.8 UEFI0007 : "CPU Exception Type 0x09: Coprocessor Segment Overrun (Software)."**

**2.4.38.9 UEFI0008 : "CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software)."**

**2.4.38.10 UEFI0009 : "CPU Exception Type 0x0B: Segment Not Present (Software)."**

**2.4.38.11 UEFI0010 : "CPU Exception Type 0x0C: Stack-Segment Fault (Software)."**

**2.4.38.12 UEFI0011 : "CPU Exception Type 0x0D: General Protection (Software)."**

**2.4.38.13 UEFI0012 : "CPU Exception Type 0x0E: Page Fault (Software)."**

**2.4.38.14 UEFI0013 : "CPU Exception Type 0x10: Floating Point Error (Software)."**

**2.4.38.15 UEFI0014 : "CPU Exception Type 0x11: Alignment Check (Software)."**

**2.4.38.16 UEFI0015 : "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."**

**2.4.38.17 UEFI0016 : "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."**

**2.4.38.18 UEFI0017 : "Lifecycle Controller (LC) firmware was not accessible and is therefore**

in Recovery mode."

**2.4.38.19 UEFI0018 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode."

**2.4.38.20 UEFI0019 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode."

**2.4.38.21 UEFI0022 :** "Unable to initialize Management Engine because the Management Engine is not responding."

**2.4.38.22 UEFI0023 :** "BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding."

**2.4.38.23 UEFI0024 :** "The Management Engine is not responding."

**2.4.38.24 UEFI0025 :** "Unable to initialize Management Engine firmware."

**2.4.38.25 UEFI0026 :** "iDRAC is not responding."

**2.4.38.26 UEFI0028 :** "iDRAC is not responding after a recovery system reset was performed."

**2.4.38.27 UEFI0029 :** "Unable to initialize iDRAC because of some critical issues."

**2.4.38.28 UEFI0031 :** "PCIe downtrain is detected on <device location>. Expected link width: <size> Actual link width: <size>"

When event is generated, message will have the following substitutions:

- <device location> = "Slot 5"
- <size> = "x16"
- <size> = "x8"

**2.4.38.29 UEFI0032 :** "Unable to initialize the TPM chip because the TPM chip is not functioning."

**2.4.38.30 UEFI0034 :** "A CMOS battery loss is detected resulting in an invalid BIOS configuration."

**2.4.38.31 UEFI0036 :** "Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface."

**2.4.38.32 UEFI0037 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI)."

**2.4.38.33 UEFI0038 :** "Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface."

**2.4.38.34 UEFI0039 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI)."

**2.4.38.35 UEFI0040 :** "The TXT feature is disabled because of an unexpected issue."

**2.4.38.36 UEFI0041 :** "Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor."

**2.4.38.37 UEFI0046 :** "An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted."

**2.4.38.38 UEFI0047 :** "One or more keys in the keyboard is stuck and not functional."

**2.4.38.39 UEFI0048 :** "The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning."

**2.4.38.40 UEFI0049 :** "Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated."

**2.4.38.41 UEFI0052 :** "Unable to complete the rebranding operation because of the issue(s) displayed earlier."

**2.4.38.42 UEFI0055 :** "Unable to complete the debranding operation because of the issue(s) displayed earlier."

**2.4.38.43 UEFI0056 :** "A PCIe error has occurred."

**2.4.38.44 UEFI0057 :** "A Machine-Check Exception (MCE) error has occurred."

**2.4.38.45 UEFI0058 :** "An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning."

**2.4.38.46 UEFI0066 :** "A PCIe link training failure is observed in <PCIe device> and the link is disabled. The system has halted."

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 0 Dev: 0 Func: 18"

**2.4.38.47 UEFI0067 : "A PCIe link training failure is observed in <PCIe device> and device link is disabled."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 4 Dev: 0 Func: 0"

**2.4.38.48 UEFI0069 : "A CMOS checksum error has occurred. CMOS is reinitialized."**

**2.4.38.49 UEFI0070 : "One or more correctable PCIe errors have occurred."**

**2.4.38.50 UEFI0076 : "One or more Corrected Machine Check(CMC) errors have occurred."**

**2.4.38.51 UEFI0077 : "One or more PCIe device errors occurred in the previous boot."**

**2.4.38.52 UEFI0078 : "One or more Machine Check errors occurred in the previous boot."**

**2.4.38.53 UEFI0079 : "One or more Uncorrectable Memory errors occurred in the previous boot."**

**2.4.38.54 UEFI0080 : "PCIe link speed is not optimal for <PCIe device>. Expected link speed: Gen <generation number> and actual link speed: Gen <generation number>."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus 4: Dev 0: Func 3"
- <generation number> = "3"
- <generation number> = "2"

**2.4.38.55 UEFI0082 : "The system was reset due to a timeout from the watchdog timer."**

**2.4.38.56 UEFI0083 : "One or more PCI System errors (SERR) have occurred."**

**2.4.38.57 UEFI0084 : "One or more PCI Parity errors (PERR) have occurred."**

**2.4.38.58 UEFI0085 : "One or more chipset errors have occurred."**

**2.4.38.59 UEFI0098 : "The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: <slot number>. As a result, the corresponding DIMM has been disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = "A3"

**2.4.38.60 UEFI0103 : "One or more memory initialization errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A3"

**2.4.38.61 UEFI0106 : "One or more memory correctable training errors have occurred on memory slot: <slot>"**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**2.4.38.62 UEFI0107 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A2"

**2.4.38.63 UEFI0108 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**2.4.38.64 UEFI0109 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**2.4.38.65 UEFI0110 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B2"

**2.4.38.66 UEFI0111 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B5"

**2.4.38.67 UEFI0112 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

2.4.38.68 UEFI0115 : "The Management Engine firmware has recovered from one or more correctable errors."

2.4.38.69 UEFI0116 : "One or more boot drivers have reported issue(s)."

2.4.38.70 UEFI0117 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1."

2.4.38.71 UEFI0118 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2."

2.4.38.72 UEFI0119 : "The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost."

2.4.38.73 UEFI0120 : "Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding."

2.4.38.74 UEFI0121 : "The primary SD card is missing, not responding, or in write-protected mode."

2.4.38.75 UEFI0122 : "The secondary SD card is missing, not responding, or in write-protected mode."

2.4.38.76 UEFI0123 : "The secondary SD card has now become the primary SD card."

2.4.38.77 UEFI0125 : "Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues."

2.4.38.78 UEFI0129 : "The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue."

2.4.38.79 UEFI0135 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

2.4.38.80 UEFI0136 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

2.4.38.81 UEFI0137 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

2.4.38.82 UEFI0138 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."

2.4.38.83 UEFI0139 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

2.4.38.84 UEFI0140 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

2.4.38.85 UEFI0141 : "Unable to enter System Service Mode (SSM) because the Lifecycle



**Controller (LC) firmware was not accessible."**

**2.4.38.86 UEFI0142 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."**

**2.4.38.87 UEFI0144 : "One or more memory errors have occurred on memory slot: <slot ID>."**

When event is generated, message will have the following substitutions:

- <slot ID> = "A1"

**2.4.38.88 UEFI0146 : "Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result."**

## **2.4.39 Subcategory= vFlash Media [MessageID prefix =VF]**

**2.4.39.1 VF0060 : "Unable to perform the requested operation. Make sure the SD card is inserted and enabled."**

## **2.4.40 Subcategory= vFlash Event [MessageID prefix =VFL]**

**2.4.40.1 VFL0002 : "Unable to query the vFlash media status."**

**2.4.40.2 VFL0003 : "Partition <partition number> does not exist."**

When event is generated, message will have the following substitutions:

- <partition number> = "2/3"

**2.4.40.3 VFL0005 : "No vFlash partitions exist."**

**2.4.40.4 VFL0007 : "No vFlash SD card is present."**

**2.4.40.5 VFL0009 : "vFlash media is currently in use by another operation."**

**2.4.40.6 VFL0010 : "An operation is in progress on the SD card."**

**2.4.40.7 VFL0011 : "vFlash media is not disabled."**

**2.4.40.8 VFL0012 : "vFlash media is not enabled."**

**2.4.40.9 VFL0013 : "The vFlash SD Card is in read-only mode."**

**2.4.40.10 VFL0014 : "The vFlash SD card is not initialized."**

**2.4.40.11 VFL0017 : "Unable to perform the vFlash media operation because the vFlash media partition is corrupted."**

**2.4.40.12 VFL0019 : "The vFlash media partition is already in detached state."**

**2.4.40.13 VFL0020 : "vFlash SD card is not ready."**

**2.4.40.14 VFL0021 : "One of the vFlash SD Card partitions is already attached to the host operating system."**

**2.4.40.15 VFL1001 : "Removable Flash Media <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**2.4.40.16 VFL1002 : "Removable Flash Media <name> is IPMI-function ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**2.4.40.17 VFL1003 : "Removable Flash Media <name> is not IPMI-function ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**2.4.40.18 VFL1004 : "Removable Flash Media <name> is ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**2.4.40.19 VFL1005 : "Removable Flash Media <name> is not ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.20 VFL1006 : "Removable Flash Media <name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.21 VFL1007 : "Removable Flash Media <name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.22 VFL1008 : "Failure detected on Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.23 VFL1009 : "Removable Flash Media <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.24 VFL1010 : "Removable Flash Media <name> was activated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.25 VFL1011 : "Removable Flash Media <name> was deactivated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.26 VFL1012 : "Removable Flash Media <name> is booting."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.27 VFL1013 : "Removable Flash Media <name> has finished booting."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.28 VFL1014 : "Removable Flash Media <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.29 VFL1015 : "Removable Flash Media <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.30 VFL1016 : "Media not present for Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **2.4.40.31 VFL1017 : "Media is present for Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

### **2.4.41 Subcategory= vFlash Absent [MessageID prefix =VFLA]**

#### **2.4.41.1 VFLA1000 : "Removable Flash Media <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

### **2.4.42 Subcategory= Voltage [MessageID prefix =VLT]**

#### **2.4.42.1 VLT0100 : "Processor module <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2v"

#### **2.4.42.2 VLT0101 : "Processor module <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **2.4.42.3 VLT0102 : "Processor module <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **2.4.42.4 VLT0103 : "Processor module <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **2.4.42.5 VLT0104 : "Processor module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **2.4.42.6 VLT0105 : "Processor module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **2.4.42.7 VLT0200 : "The system board <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **2.4.42.8 VLT0201 : "The system board <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **2.4.42.9 VLT0202 : "The system board <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **2.4.42.10 VLT0203 : "The system board <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **2.4.42.11 VLT0204 : "The system board <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **2.4.42.12 VLT0205 : "The system board <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "12"

#### **2.4.42.13 VLT0206 : "The memory module <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **2.4.42.14 VLT0207 : "The memory module <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**2.4.42.15 VLT0208 : "The memory module <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**2.4.42.16 VLT0209 : "The memory module <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**2.4.42.17 VLT0210 : "The memory module <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**2.4.42.18 VLT0211 : "The memory module <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**2.4.42.19 VLT0212 : "The disk drive bay <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.20 VLT0213 : "The disk drive bay <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.21 VLT0214 : "The disk drive bay <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.22 VLT0215 : "The disk drive bay <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.23 VLT0216 : "The disk drive bay <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.24 VLT0217 : "The disk drive bay <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.25 VLT0218 : "The <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.26 VLT0219 : "The <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.27 VLT0220 : "The <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.28 VLT0221 : "The <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.29 VLT0222 : "The <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.30 VLT0223 : "The <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**2.4.42.31 VLT0224 : "The memory module <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.32 VLT0225 : "The memory module <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.33 VLT0226 : "The memory module <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.34 VLT0227 : "The memory module <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.35 VLT0228 : "The memory module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.36 VLT0229 : "The memory module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**2.4.42.37 VLT0230 : "The mezzanine card <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**2.4.42.38 VLT0231 : "The mezzanine card <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**2.4.42.39 VLT0232 : "The mezzanine card <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"



- <name> = "VRM"

#### **2.4.42.40 VLT0233 : "The mezzanine card <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

#### **2.4.42.41 VLT0234 : "The mezzanine card <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

#### **2.4.42.42 VLT0235 : "The mezzanine card <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

#### **2.4.42.43 VLT0300 : "CPU <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.44 VLT0301 : "CPU <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.45 VLT0302 : "CPU <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.46 VLT0303 : "CPU <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.47 VLT0304 : "CPU <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.48 VLT0305 : "CPU <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **2.4.42.49 VLT400 : "The <sensor name> sensor has failed with a value <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <voltage> = " 45"

#### **2.4.42.50 VLT401 : "Unable to read <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"

#### **2.4.42.51 VLT402 : "The <sensor name> sensor has returned to a normal state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 1.4"

#### **2.4.42.52 VLT403 : "The <sensor name> sensor state has changed to a warning state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

#### **2.4.42.53 VLT404 : "The <sensor name> sensor detected an error with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

#### **2.4.42.54 VLT405 : "The <sensor name> sensor has failed with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"

- <voltage> = " 2"

#### **2.4.43 Subcategory= Virtual Console [MessageID prefix =VRM]**

**2.4.43.1 VRM0009 :** "No Virtual Media devices are currently connected."

**2.4.43.2 VRM0010 :** "Unable to disconnect Virtual Media devices."

**2.4.43.3 VRM0011 :** "The Virtual Media image server is not currently connected."

**2.4.43.4 VRM0012 :** "The Virtual Media image server is already connected."

**2.4.43.5 VRM0013 :** "Virtual Media services is currently attached to the USB interface.\nIt must be detached before the image server can be connected."

**2.4.43.6 VRM0014 :** "Unable to determine current state of Virtual Media USB interface."

**2.4.43.7 VRM0019 :** "Remote Image is now Configured"

**2.4.43.8 VRM0020 :** "Unable to determine current Remote Image state."

## **2.5 Category: Updates**

## **2.5.1 Subcategory= Job Control [MessageID prefix =JCP]**

**2.5.1.1 JCP000 : "New"**

## **2.5.2 Subcategory= Lifecycle Contr [MessageID prefix =LC]**

**2.5.2.1 LC043 : "Work note contains non-printable or reserved characters."**

## **2.5.3 Subcategory= RAC Event [MessageID prefix =RAC]**

**2.5.3.1 RAC0707 : "Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware."**

**2.5.3.2 RAC0724 : "Quick Sync Firmware is successfully updated."**

**2.5.3.3 RAC0725 : "Unable to update the Quick Sync Firmware."**

## **2.5.4 Subcategory= FW Download [MessageID prefix =RED]**

**2.5.4.1 RED000 : "Unrecognized error code encountered."**

**2.5.4.2 RED001 : "Job completed successfully."**

**2.5.4.3 RED002 : "Package successfully downloaded."**

**2.5.4.4 RED003 : "Downloading package."**

**2.5.4.5 RED004 : "Job failed."**

**2.5.4.6 RED005 : "The specified URI is invalid."**

**2.5.4.7 RED006 : "Unable to download Update Package."**

**2.5.4.8 RED007 : "Unable to verify Update Package signature."**

**2.5.4.9 RED008 : "Unable to extract payloads from Update Package."**

**2.5.4.10 RED009 : "Lifecycle Controller is not present."**

**2.5.4.11 RED010 : "The target specified is invalid."**

**2.5.4.12 RED011 : "USC version is not compatible."**

**2.5.4.13 RED012 : "Unable to create Lifecycle Controller update task."**

**2.5.4.14 RED013 : "The DUP specified is not compatible with the target device."**

**2.5.4.15 RED014 : "Job for this device is already present."**

**2.5.4.16 RED015 : "The download protocol specified is not supported."**

**2.5.4.17 RED016 : "Mount of remote share failed."**

**2.5.4.18 RED017 : "The DUP specified is not compatible with the target system."**

**2.5.4.19 RED018 : "Reinstall or Rollback not supported for this device."**

**2.5.4.20 RED019 : "Reinstall or Rollback cannot be performed since no applicable firmware**

**was found on the Lifecycle Controller."**

**2.5.4.21 RED020 : "Feature not supported on current version of USC."**

**2.5.4.22 RED021 : "The component InstanceID specified is not present on the system."**

**2.5.4.23 RED022 : "Version compatibility check was not successful."**

**2.5.4.24 RED023 : "Lifecycle Controller in use. This job will start when Lifecycle Controller is available."**

**2.5.4.25 RED024 : "The specified job starts when Lifecycle Controller is available."**

**2.5.4.26 RED025 : "<device name> firmware updated successfully. Current version:<firmware version>"**

When event is generated, message will have the following substitutions:

- <device name> = "IDRAC"
- <firmware version> = "3.10"

**2.5.4.27 RED026 : "An internal error occurred while processing updates."**

**2.5.4.28 RED027 : "Insufficient space to upload the requested file."**

**2.5.4.29 RED028 : "Update files were not selected."**

**2.5.4.30 RED029 : "A reboot is pending."**

**2.5.4.31 RED030 : "Reboot is complete."**

**2.5.4.32 RED031 : "Approaching maximum size limit allowed for storing firmware images."**

**2.5.4.33 RED032 : "Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images."**

**2.5.4.34 RED033 : "Unable to reboot system."**

**2.5.4.35 RED034 : "Firmware update in progress."**

**2.5.4.36 RED035 : "<component> Rollback successful. Earlier version:<firmware version>, Current version:<firmware version>."**

When event is generated, message will have the following substitutions:

- <component> = "IDRAC"
- <firmware version> = "9.10.10"
- <firmware version> = "9.30.30"

**2.5.4.37 RED036 : "Firmware updates are available : <component name>"**

When event is generated, message will have the following substitutions:

- <component name> = "Firmware updates available : Enterprise UEFI Diagnostics, 4225A2, 4225.4, OS Drivers Pack, 7.2.0.7, A00, BIOS"

**2.5.4.38 RED037 : "All components firmware match with the specified remote repository."**

**2.5.4.39 RED038 : "A recurring task of type <task type> is added."**

When event is generated, message will have the following substitutions:

- <task type> = "AutoTask"

**2.5.4.40 RED039 : "Settings for a recurring operation of type <operation label> were cleared."**

When event is generated, message will have the following substitutions:

- <operation label> = "AutoTask"

**2.5.4.41 RED040 : "A recurring operation of type <operation type> created a job <job ID>."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"
- <job ID> = "JID"

**2.5.4.42 RED041 : "A recurring operation of type <operation type> was not created because the required license is not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.43 RED042 : "A recurring operation of type <operation type> was not created because the necessary user access rights are not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.44 RED043 : "A recurring operation of type <operation type> was not created because the operation type is disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.45 RED044 : "A recurring operation of type <operation type> was unable to create a job because the required license is not available now."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.46 RED045 : "A recurring operation of type <operation task> was unable to create a job because the necessary user access rights are not available now."**

When event is generated, message will have the following substitutions:

- <operation task> = "AutoTask"

**2.5.4.47 RED046 : "A recurring operation of type <operation type> was unable to create a job because the task type is now disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.48 RED047 : "A recurring operation <operation type> was not created because the operation is already configured."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**2.5.4.49 RED048 : "The job <job ID> was deleted because the recurring operation <operation type> was cleared."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <operation type> = "AutoTask"

**2.5.4.50 RED049 : "The job <job ID> is deleted because the recurring operation <operation type> is currently not enabled."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <operation type> = "AutoTask"

**2.5.4.51 RED050 : "The specified user credentials necessary for downloading an update package were not correct."**

**2.5.4.52 RED051 : "The network file transfer of an update package was not successful."**

**2.5.4.53 RED052 : "Processing of update packages is starting."**

**2.5.4.54 RED053 : "Processing of update packages has completed."**

**2.5.4.55 RED054 : "An update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**2.5.4.56 RED055 : "A reboot job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**2.5.4.57 RED056 : "An internal error occurred. Unable to complete the specified operation."**

**2.5.4.58 RED057 : "An internal error occurred. Unable to complete the specified operation."**

**2.5.4.59 RED058 : "A repository update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**2.5.4.60 RED059 : "Unable to create an update job for <component name>."**

When event is generated, message will have the following substitutions:

- <component name> = "ComponentName"

**2.5.4.61 RED060 : "The specified repository catalog is not supported."**

**2.5.4.62 RED061 : "The job is successfully scheduled."**

**2.5.4.63 RED062 : "Unable to successfully authenticate user credentials to the specified repository."**

**2.5.4.64 RED063 : "The iDRAC firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <available firmware version> = "Available"
- <installed firmware version> = "Installed"

**2.5.4.65 RED064 : "The scheduled Update from Repository job completed successfully. Applicable updates were not found."**

**2.5.4.66 RED065 : "The recurring scheduled update from repository job completed and updates were applied. A system restart was not required."**

**2.5.4.67 RED066 : "The recurring scheduled update from repository job completed and updates are staged to run after the next system restart."**

**2.5.4.68 RED067 : "The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates."**

**2.5.4.69 RED068 : "Unable to successfully complete <job ID>: <job result message>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <job result message> = "JobMsg"



**2.5.4.70 RED076 : "Unable to create an Automatic Update schedule, because an invalid parameter is entered."**

**2.5.4.71 RED077 : "Unable to get the Automatic Update schedule information."**

**2.5.4.72 RED078 : "Unable to delete the Automatic Update schedule."**

**2.5.4.73 RED079 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**2.5.4.74 RED080 : "The required parameter <parameter> is not present."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**2.5.4.75 RED081 : "The Automatic Update schedule already exists."**

**2.5.4.76 RED082 : "The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled."**

**2.5.4.77 RED083 : "The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version."**

**2.5.4.78 RED084 : "Unable to update the Chassis firmware. There is a comm. issue between iDRAC and Chassis Management Controller (CMC)."**

**2.5.4.79 RED085 : "Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected."**

**2.5.4.80 RED086 : "Unable to update the Chassis firmware, Chassis Management at Server is not set to Monitor and Configure."**

**2.5.4.81 RED087 : "Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled."**

**2.5.4.82 RED088 : "Unable to update the Chassis firmware because an update operation is already in progress."**

**2.5.4.83 RED089 : "A Chassis firmware update operation is in progress."**

**2.5.4.84 RED090 : "A Chassis firmware update operation is no longer in progress."**

**2.5.4.85 RED091 : "Unable to install Lifecycle Controller firmware."**

**2.5.4.86 RED092 : "The <component name> firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**2.5.4.87 RED093 : "The requested job cannot be scheduled because Lifecycle Controller is not enabled."**

**2.5.4.88 RED094 : "Updating firmware for <component name> from version <available firmware version> to version <installed firmware version>."**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**2.5.4.89 RED095 : "rSPI update for Diags failed."**

**2.5.4.90 RED0101 : "Rollback successfull."**

## **2.5.5 Subcategory= FW Update Job [MessageID prefix =SUP]**

**2.5.5.1 SUP001 : "Insufficient parameters provided."**

**2.5.5.2 SUP002 : "Job creation failure."**

**2.5.5.3 SUP003 : "Invalid URI, target or reboot flag."**

**2.5.5.4 SUP005 : "Invalid reboot value."**

**2.5.5.5 SUP006 : "Update package downloading - Delete failed."**

**2.5.5.6 SUP007 : "iDRAC busy - Delete failed."**

**2.5.5.7 SUP009 : "Driver pack update in progress - Delete failed."**

**2.5.5.8 SUP011 : "Invalid Job ID specified."**

**2.5.5.9 SUP013 : "Update in progress - Delete failed."**

**2.5.5.10 SUP014 : "Unknown error - Delete failed."**

**2.5.5.11 SUP015 : "Input parameters values should not be NULL."**

**2.5.5.12 SUP016 : "Job cannot be scheduled."**

**2.5.5.13 SUP017 : "Invalid start time."**

**2.5.5.14 SUP018 : "Invalid until time."**

**2.5.5.15 SUP019 : "Lifecycle Controller is not enabled."**

**2.5.5.16 SUP020 : "The specified job was deleted"**

**2.5.5.17 SUP021 : "Diagnostics, Driver Pack or Lifecycle Controller update is a direct update and cannot be scheduled."**

**2.5.5.18 SUP022 : "Job store has reached the maximum storage limit."**

**2.5.5.19 SUP024 : "InstanceID value provided for the update operation is invalid"**

**2.5.5.20 SUP025 : "The command was successful"**

**2.5.5.21 SUP026 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

#### **2.5.5.22 SUP027 : "Missing required parameter <parameter>"**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

2.5.5.23 SUP028 : "The GetRepoBasedUpdateList method did not complete successfully."

2.5.5.24 SUP029 : "Firmware versions on server match catalog, applicable updates are not present in the repository."

2.5.5.25 SUP030 : "Proxy IP and User Credential pare valid only if the ProxySupport parameter is TRUE."

2.5.5.26 SUP0100 : "Firmware update operation failed."

2.5.5.27 SUP0101 : "Unable to get firmware update status."

2.5.5.28 SUP0102 : "Invalid TFTP IP address specified."

2.5.5.29 SUP0103 : "TFTP IP address is not reachable."

2.5.5.30 SUP0104 : "TFTP Source path too long."

2.5.5.31 SUP0105 : "Invalid firmware image"

2.5.5.32 SUP0106 : "Unable to locate firmware image file in specified path."

2.5.5.33 SUP0107 : "File path too long."

2.5.5.34 SUP0108 : "A firmware update operation is already in progress."

2.5.5.35 SUP0109 : "A TFTP IP address has not been specified but is required."

2.5.5.36 SUP0110 : "Uninitializing firmware update services. Please wait..."

2.5.5.37 SUP0111 : "Timeout waiting for firmware update process to complete."

2.5.5.38 SUP0112 : "The -p option is not currently supported for remote RACADM and the \noperating system being used."

2.5.5.39 SUP0113 : "TFTP firmware update is currently disabled."

2.5.5.40 SUP0114 : "The firmware update operation could not be completed successfully."

2.5.5.41 SUP0115 : "A firmware update is currently in progress. Unable to reset the\nRAC at this time."

2.5.5.42 SUP0116 : "The RAC configuration has initiated restoration to factory defaults. \nPlease wait up to a minute for this process to complete before accessing \nthe RAC again."

2.5.5.43 SUP0117 : "Firmware rollback initiated successfully. \nThe iDRAC will now reset to complete the firmware rollback operation."

2.5.5.44 SUP0118 : "iDRAC reset failed. Please reset the iDRAC manually to complete the firmware rollback operation."

2.5.5.45 SUP0119 : "Firmware rollback failed"

2.5.5.46 SUP0120 : "Preparing for firmware update. Please wait..."

2.5.5.47 SUP0121 : "Firmware update in progress [<Extent of completion> percent

**complete]"**

When event is generated, message will have the following substitutions:

- <Extent of completion> = "50"

**2.5.5.48 SUP0122 : "Firmware update completed successfully"**

**2.5.5.49 SUP0123 : "Firmware update completed successfully. The RAC is in the process of \nresetting. Your connection will be lost. Please wait up to a minute before starting a new session."**

**2.5.5.50 SUP0124 : "Firmware update is not currently in progress"**

**2.5.5.51 SUP0125 : "Current firmware update status is unknown"**

**2.5.5.52 SUP0126 : "Firmware update in progress. Please wait..."**

**2.5.5.53 SUP0127 : "Verifying firmware image"**

**2.5.5.54 SUP0128 : "Ready for firmware update"**

**2.5.5.55 SUP0129 : "Resetting the RAC. Please wait..."**

**2.5.5.56 SUP0130 : "TFTP firmware update has been initiated. This update process may take several minutes to complete."**

**2.5.5.57 SUP0131 : "FTP firmware update has been initiated. This update process may take several minutes to complete."**

**2.5.5.58 SUP0501 : "Invalid catalog file."**

**2.5.5.59 SUP0502 : "Unable to collect system inventory."**

**2.5.5.60 SUP0503 : "Unable to retrieve the system ID."**

**2.5.5.61 SUP0504 : "Unable to authenticate the catalog file in the update repository."**

**2.5.5.62 SUP0505 : "Corrupt catalog file."**

**2.5.5.63 SUP0506 : "Unable to decompress the catalog file."**

**2.5.5.64 SUP0507 : "Unable to download the Update Packages from the FTP server."**

**2.5.5.65 SUP0511 : "Unable to find Diagnostics application."**

**2.5.5.66 SUP0513 : "Unable to access the Update Package."**

**2.5.5.67 SUP0514 : "Unable to perform firmware rollback."**

**2.5.5.68 SUP0515 : "Unable to authenticate the Update Package signature."**

**2.5.5.69 SUP0516 : "Updating firmware for <component> to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **2.5.5.70 SUP0517 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **2.5.5.71 SUP0518 : "Successfully updated the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **2.5.5.72 SUP0519 : "Unable to validate firmware image for <component>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"

#### **2.5.5.73 SUP0520 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"



**2.5.5.74 SUP0522 : "Unable to update the BIOS firmware because write protection is enabled."**

**2.5.5.75 SUP0525 : "Unable to verify the digital signature of the Update Package."**

**2.5.5.76 SUP0526 : "Unable to continue with firmware update."**

**2.5.5.77 SUP0527 : "The Update Package is not supported for this system."**

**2.5.5.78 SUP0528 : "Unable to generate a firmware comparison table."**

**2.5.5.79 SUP0529 : "Unable to access repository."**

**2.5.5.80 SUP0530 : "Incorrect repository path location."**

**2.5.5.81 SUP0531 : "Unable to install the Update Packages."**

**2.5.5.82 SUP0532 : "The repository contains corrupt Update Packages."**

**2.5.5.83 SUP0533 : "Unable to download the update package files from the FTP server."**

**2.5.5.84 SUP0534 : "Unable to locate the catalog file."**

**2.5.5.85 SUP0535 : "Updating <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**2.5.5.86 SUP0536 : "Successfully updated <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**2.5.5.87 SUP0537 : "Unable to continue the firmware update."**

**2.5.5.88 SUP0538 : "Unable to update <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller"

**2.5.5.89 SUP0539 : "Update Packages missing in the repository."**

**2.5.5.90 SUP1901 : "Firmware update initializing."**

**2.5.5.91 SUP1902 : "Firmware update stopping services."**

**2.5.5.92 SUP1903 : "Firmware update verify image headers."**

**2.5.5.93 SUP1904 : "Firmware update checksumming image."**

**2.5.5.94 SUP1905 : "Firmware update programming flash."**

**2.5.5.95 SUP1906 : "Firmware update successful."**

**2.5.5.96 SUP1907 : "Firmware update failed."**

**2.5.5.97 SUP1908 : "Firmware update failed checksum."**

**2.5.5.98 SUP1909 : "Firmware update failed image download."**

**2.5.5.99 SUP1910 : "Firmware update is not pending."**

**2.5.5.100 SUP1911 : "Firmware update initialization complete."**

**2.5.5.101 SUP1912 : "Firmware update RAC recover successful."**

**2.5.5.102 SUP023 : "Duplicate JobID provided as inputs for scheduling."**

## **2.5.6 Subcategory= Software Config [MessageID prefix =SWC]**

**2.5.6.1 SWC5005 : "Unable to update the System Controller (SC) firmware"**

**2.5.6.2 SWC5006 : "System Controller (SC) Firmware Update Successful"**

## **2.5.7 Subcategory= Software Change [MessageID prefix =SWU]**

**2.5.7.1 SWU8500 : "The <update/reinstall/rollback> request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**2.5.7.2 SWU8501 : "The reinstall/rollback request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.3 SWU8502 : "A <update/reinstall/rollback> request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

### **2.5.7.4 SWU8503 : "A reinstall/rollback request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.5 SWU8504 : "Successfully scheduled the <update/reinstall/rollback> operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

### **2.5.7.6 SWU8505 : "Successfully scheduled the reinstall/rollback operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.7 SWU8506 : "Completed the Firmware update operation for CMC<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.8 SWU8513 : "Successfully updated the IOM infrastructure firmware of slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.9 SWU8514 : "Unable to update the IOM infrastructure firmware of slot <slot number>. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **2.5.7.10 SWU8515 : "Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.11 SWU8516 : "Unable to update the iDRAC firmware on the server in slot <slot number>. Transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.12 SWU8517 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.13 SWU8518 : "The firmware update operation on the iDRAC on the server in slot <slot number> is stopped."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.14 SWU8519 : "The firmware update operation of the iDRAC on the server in slot <slot number> is stopped. The Image file is corrupted."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.15 SWU8520 : "The firmware update operation of the iDRAC on the server in slot <slot number> is not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.16 SWU8521 : "The firmware update operation of the iDRAC on the server in slot <slot number> was stopped. The selected Image file is not compatible with the server hardware."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.17 SWU8522 : "Unable to update the iDRAC on the server in <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.18 SWU8523 : "The firmware update operation of the iDRAC on the server in slot <slot number> is successfully completed."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.19 SWU8524 : "Unable to update the iDRAC on the server in slot <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.20 SWU8525 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The firmware update timeout limit is exceeded."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.21 SWU8526 : "The firmware update operation of the iDRAC on the server in slot <slot number> is initiated."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**2.5.7.22 SWU8527 : "Successfully completed the iKVM firmware update."**

**2.5.7.23 SWU8528 : "Unable to update the iKVM firmware, because of a checksum error."**

**2.5.7.24 SWU8529 : "Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target."**

**2.5.7.25 SWU8530 : "Unable to update the iKVM firmware."**

**2.5.7.26 SWU8531 : "Unable to update the iKVM firmware. The firmware update timeout limit is exceeded."**

**2.5.7.27 SWU8532 : "Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.28 SWU8533 : "Unable to update the LKVM firmware, because the target is not ready. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.29 SWU8534 : "Unable to update the iKVM firmware."**

**2.5.7.30 SWU8535 : "Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.31 SWU8536 : "Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.32 SWU8537 : "Unable to update the LKVM firmware, because the IP address provided is invalid. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.33 SWU8538 : "Unable to update the iKVM firmware. Reason = 0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.34 SWU8540 : "Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**2.5.7.35 SWU8541 : "Unable to update the PSU firmware, because the Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

2.5.7.36 SWU8542 : "Unable to update the Active CMC firmware. The Image file transfer process was not successful."

2.5.7.37 SWU8543 : "Unable to update the Active CMC firmware. The Image file was not accessible."

2.5.7.38 SWU8544 : "Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update."

2.5.7.39 SWU8545 : "Unable to update the Standby CMC firmware."

2.5.7.40 SWU8546 : "Unable to update the Standby CMC firmware."

2.5.7.41 SWU8547 : "Unable to update the Standby CMC firmware. The Image transfer process was not successful."

2.5.7.42 SWU8548 : "Unable to update the Standby CMC firmware. The Image was not accessible."

2.5.7.43 SWU8549 : "Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful."

2.5.7.44 SWU8550 : "Unable to update the firmware of Standby CMC and Active CMC."

2.5.7.45 SWU8551 : "Unable to update the firmware of Active CMC. The checksum process was not successful."

2.5.7.46 SWU8552 : "Unable to update the firmware of Active CMC."

2.5.7.47 SWU8553 : "Unable to update the Active CMC firmware. The Image file was not accessible."

2.5.7.48 SWU8554 : "Local CMC firmware update has been initiated."

2.5.7.49 SWU8555 : "Active CMC and Standby CMC firmware updates have been initiated."

2.5.7.50 SWU8561 : "The firmware downgrade operation is unsuccessful. The new firmware version is not supported for the current hardware configuration."

## 2.5.8 Subcategory= UEFI Event [MessageID prefix =UEFI]

2.5.8.1 UEFI0061 : "The request to change attributes is being processed."

2.5.8.2 UEFI0062 : "One or more attributes are successfully changed."

2.5.8.3 UEFI0063 : "Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block."

2.5.8.4 UEFI0064 : "One or more attributes are successfully configured. The system is being restarted."

2.5.8.5 UEFI0065 : "One or more attributes are successfully configured. The system will be

automatically turned off in 5 seconds."

## **2.6 Category: Work Notes**

### **2.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**2.6.1.1 UEFI0050 :** "The process of collecting Brand information is started."

**2.6.1.2 UEFI0051 :** "Brand information is successfully collected. The system is being restarted."

**2.6.1.3 UEFI0053 :** "The debranding process is started."

**2.6.1.4 UEFI0054 :** "Debranding process is completed. The system is being restarted."

### **2.6.2 Subcategory= User Tracking [MessageID prefix =USR]**

**2.6.2.1 USR0001 :** "<message>"

When event is generated, message will have the following substitutions:

- <message> = "test string"



## 3.0 SNMP Trap Event Notification Test Messages

### 3.1 Category: Audit

#### 3.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS]

3.1.1.1 BIOS102 : "A system BIOS update is scheduled that requires a reboot."

3.1.1.2 BIOS103 : "A previously scheduled system BIOS update is canceled."

#### 3.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC]

3.1.2.1 CMC8506 : "A command to shut down the CMC was initiated."

3.1.2.2 CMC8507 : "Extended Storage for primary CMC and secondary CMC synchronization is complete."

3.1.2.3 CMC8508 : "Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available."

3.1.2.4 CMC8509 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will be deactivated."

When event is generated, message will have the following substitutions:

- <cmc number> = ""

3.1.2.5 CMC8510 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will return to single CMC mode."

When event is generated, message will have the following substitutions:

- <cmc number> = ""

**3.1.2.6 CMC8511 : "Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs."**

**3.1.2.7 CMC8512 : "The Extended Storage feature activation timed out. The feature is not active."**

**3.1.2.8 CMC8513 : "The Extended Storage feature activation on the secondary CMC timed out. The feature is being returned to single CMC mode."**

**3.1.2.9 CMC8529 : "Unable to perform the requested action on the server-<slot number>, because of insufficient privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.10 CMC8531 : "Unable to perform the requested action on the Sleeve or Sled <slot number> because of insufficient user privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.11 CMC8533 : "Unable to read the FRU information, status = <status value>"**

When event is generated, message will have the following substitutions:

- <status value> = ""

**3.1.2.12 CMC8535 : "Unable to turn on High Power Management for the server <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.13 CMC8538 : "Firmware version string is too long."**

**3.1.2.14 CMC8539 : "The CMC <slot id> is unable to log <event message> event to the Hardware Log."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**3.1.2.15 CMC8540 : "The CMC <slot id> is turned on."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**3.1.2.16 CMC8541 : "The watchdog has reset the CMC <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **3.1.2.17 CMC8542 : "The CMC <slot id> was restarted because of a manual reset."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **3.1.2.18 CMC8543 : "The CMC <slot id> has reset because the thermal threshold was exceeded."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **3.1.2.19 CMC8545 : "Detected a missing process failover condition detected. Process = <process name>."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **3.1.2.20 CMC8546 : "Issues identified with Process <process name>. Failover condition detected."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **3.1.2.21 CMC8547 : "Missing kernel module <module name>. Failover condition detected"**

When event is generated, message will have the following substitutions:

- <module name> = ""

#### **3.1.2.22 CMC8548 : "The active Chassis Management Controller external network link is no longer available."**

#### **3.1.2.23 CMC8550 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **3.1.2.24 CMC8551 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

**3.1.2.25 CMC8553 : "An internal error occurred and a failover condition is detected."**

**3.1.2.26 CMC8554 : "An internal network error occurred."**

**3.1.2.27 CMC8555 : "An internal memory error has occurred and a failover condition is detected."**

**3.1.2.28 CMC8557 : "The system health failover is requested. Code <number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**3.1.2.29 CMC8558 : "The system health is restored."**

**3.1.2.30 CMC8561 : "Unable to send the email to <destination> after trying <number> times."**

When event is generated, message will have the following substitutions:

- <destination> = ""

**3.1.2.31 CMC8562 : "The log is cleared."**

**3.1.2.32 CMC8563 : "The KVM is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.33 CMC8564 : "The KVM mapping feature is disabled."**

**3.1.2.34 CMC8565 : "KVM mapping is enabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.35 CMC8566 : "KVM mapping is disabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.36 CMC8567 : "The DVD drive is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.2.37 CMC8568 : "The DVD drive mapping feature is disabled."**

**3.1.2.38 CMC8569 : "The server slot <slot number> is enabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.2.39 CMC8570 : "The server slot <slot number> is disabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.2.40 CMC8571 : "The coin cell battery in the primary CMC is not working."**

#### **3.1.2.41 CMC8572 : "The coin cell battery in CMC <slot id> is not working."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **3.1.2.42 CMC8573 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **3.1.2.43 CMC8603 : "Unable to read the FRU information from the sled <sled slot number>, status <sled status>."**

When event is generated, message will have the following substitutions:

- <sled slot number> = ""

### **3.1.3 Subcategory= Dell Key Mngr [MessageID prefix =DKM]**

#### **3.1.3.1 DKM0001 : "<Security\_Key> key added for slot <Slot\_num> of user <Username>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"
- <Username> = "admin"

#### **3.1.3.2 DKM0002 : "<Security\_Key> key add failed for slot <Slot\_num> of user <Username>, due to <error\_msg>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"
- <Username> = "admin"
- <error\_msg> = "Invalid Key format."

#### **3.1.3.3 DKM0003 : "<Security\_Key> key deleted for slot <Slot\_num> of user <Username>."**

When event is generated, message will have the following substitutions:

- <Security\_Key> = "NewKey"
- <Slot\_num> = "1"

- <Username> = "admin"

#### **3.1.3.4 DKM0004 : "DKM Error Code <Error\_code\_name>: <Error\_code\_msg> error."**

When event is generated, message will have the following substitutions:

- <Error\_code\_name> = "07"
- <Error\_code\_msg> = "Invalid Key format"

### **3.1.4 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **3.1.4.1 FAN8500 : "Enhanced Cooling Mode is Enabled"**

#### **3.1.4.2 FAN8501 : "Enhanced Cooling Mode is Disabled"**

#### **3.1.4.3 FAN8502 : "The blower <name> is not detected, because it may not be operating optimally. Check for the availability of latest CMC firmware."**

When event is generated, message will have the following substitutions:

- <name> = ""

#### **3.1.4.4 FAN8503 : "Chassis was turned off because more than two internal fans stopped functioning properly."**

### **3.1.5 Subcategory= Feature Card [MessageID prefix =FCD]**

#### **3.1.5.1 FCD8500 : "Unable to apply the <configuration name> configuration. The affected servers (slot <slot number>) are not turned off."**

When event is generated, message will have the following substitutions:

- <configuration name> = ""

#### **3.1.5.2 FCD8501 : "The feature is deactivated: <feature name>."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **3.1.5.3 FCD8503 : "The feature is activated in the chassis: <feature name>"**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **3.1.5.4 FCD8504 : "The feature was previously activated on another chassis."**

#### **3.1.5.5 FCD8505 : "The features cannot be deactivated when the chassis is turned on."**

#### **3.1.5.6 FCD8531 : "Unable to activate the <feature name>. The chassis service tag is unavailable."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

### 3.1.6 Subcategory= Debug [MessageID prefix =FSD]

**3.1.6.1 FSD000 :** "Debug authorized by customer; debugcaps: <DebugCaps>, was authorized by: <iDRAC User>, at <unlock time> for the period: <start time> to <end time>."

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <iDRAC User> = "iDRAC User"
- <unlock time> = "unlock time"
- <start time> = "start time"
- <end time> = " end time"

**3.1.6.2 FSD001 :** "Debug authorized by Dell; debugcaps: <DebugCaps>, at <grant time>, was authorized by Dell employee: <Dell employee>, for the time period <start time> to <end time>"

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <grant time> = "grant time"
- <Dell employee> = "Dell employee"
- <start time> = "start time"
- <end time> = "end time"

**3.1.6.3 FSD002 :** "Debug authorization failed; for debugCaps: <DebugCaps>, authorized by iDRAC user: <iDRAC user>, and Dell employee: <Dell employee>, at <unlock time> for the period: <start time> to <end time>."

When event is generated, message will have the following substitutions:

- <DebugCaps> = "DebugCaps"
- <iDRAC user> = "iDRAC user"
- <Dell employee> = "Dell employee"
- <unlock time> = "unlock time"
- <start time> = "start time"
- <end time> = "end time"

### 3.1.7 Subcategory= Hardware Config [MessageID prefix =HWC]

**3.1.7.1 HWC8000 :** "Unknown device plug event occurred at this location: <device location>. Additional Details: <details>."

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**3.1.7.2 HWC8001 : "A device was added to the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**3.1.7.3 HWC8002 : "The device was removed from the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**3.1.7.4 HWC8003 : "A configuration error was detected in the device located here: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

**3.1.8 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**3.1.8.1 IOV2009 : "The PCIe adapter in the PCIe slot <PCIe slot number> was removed from the slot while the server <server slot number> was turned-on."**

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

**3.1.9 Subcategory= DRAC IP Address [MessageID prefix =IPA]**

**3.1.9.1 IPA0001 : "Invalid NIC IP address parameter specified."**

**3.1.9.2 IPA0002 : "Invalid IP address specified."**

**3.1.9.3 IPA0003 : "Invalid subnet mask specified."**

**3.1.9.4 IPA0004 : "Invalid gateway address specified."**

**3.1.10 Subcategory= iDRAC Service Module [MessageID prefix =ISM]**

**3.1.10.1 ISM0000 : "The iDRAC Service Module is started on the operating system (OS) of server."**

**3.1.10.2 ISM0001 : "The iDRAC Service Module detected a OS to iDRAC Pass-through in the <mode> mode. Switch the OS to iDRAC Pass-through to a USB NIC mode."**

When event is generated, message will have the following substitutions:



- <mode> = "USB-NIC"

**3.1.10.3 ISM0002 :** "The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode."

**3.1.10.4 ISM0003 :** "The iDRAC Service Module is unable to discover iDRAC from the operating system of the server."

**3.1.10.5 ISM0004 :** "The iDRAC Service Module has successfully started communication with iDRAC."

**3.1.10.6 ISM0005 :** "The iDRAC Service Module has successfully restarted communication with iDRAC."

**3.1.10.7 ISM0006 :** "The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel."

**3.1.10.8 ISM0007 :** "The iDRAC Service Module communication with iDRAC has ended."

**3.1.10.9 ISM0008 :** "Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server."

**3.1.10.10 ISM0009 :** "The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server."

**3.1.10.11 ISM0010 :** "The iDRAC Service Module received a request from the <requesting source name> to stop the services of Service Module."

When event is generated, message will have the following substitutions:

- <requesting source name> = "iDRAC"

**3.1.10.12 ISM0011 :** "The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to "disabled" in iDRAC."

**3.1.10.13 ISM0012 :** "The iDRAC Service Module is successfully ended on the server operating system (OS)."

**3.1.10.14 ISM0013 :** "The feature <feature name> is enabled."

When event is generated, message will have the following substitutions:

- <feature name> = "Operating System Information"

**3.1.10.15 ISM0014 :** "The feature <feature name> is disabled."

When event is generated, message will have the following substitutions:

- <feature name> = "Lifecycle Log Replication"

**3.1.10.16 ISM0015 : "The iDRAC Service Module detected a change in the host name of the server operating system (OS)."**

**3.1.10.17 ISM0016 : "The BMC watchdog reset time is changed to <reset time> seconds."**

When event is generated, message will have the following substitutions:

- <reset time> = "5"

**3.1.10.18 ISM0017 : "The BMC watchdog auto-recovery action is changed from <original action> to <new action>."**

When event is generated, message will have the following substitutions:

- <original action> = "Reboot"
- <new action> = "Powercycle"

**3.1.10.19 ISM0018 : "The OS Collector application is successfully started on the server operating system (OS)."**

**3.1.10.20 ISM0019 : "The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files."**

**3.1.10.21 ISM0020 : "The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found."**

**3.1.10.22 ISM0021 : "The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found."**

**3.1.10.23 ISM0022 : "The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error."**

### **3.1.11 Subcategory= Job Control [MessageID prefix =JCP]**

**3.1.11.1 JCP029 : "A Job of JobType <parameter> already exists."**

When event is generated, message will have the following substitutions:

- <parameter> = "Shutdown"

**3.1.11.2 JCP8501 : "Job ID: <job ID>. CMC sent <number of settings> properties from <profile name> profile to the server (Service Tag: <service tag> ) in the slot <slot number>."**

When event is generated, message will have the following substitutions:

- <job ID> = ""

### **3.1.12 Subcategory= Licensing [MessageID prefix =LIC]**

**3.1.12.1 LIC000 :** "The License Manager action succeeded."

**3.1.12.2 LIC001 :** "The License Manager command parameter used is invalid."

**3.1.12.3 LIC002 :** "License Manager is unable to allocate the required resources at startup."

**3.1.12.4 LIC003 :** "License Manager was unable to create and/or allocate the required resources."

**3.1.12.5 LIC004 :** "An internal system error has occurred."

**3.1.12.6 LIC005 :** "Import failed: The maximum number of licenses are installed."

**3.1.12.7 LIC006 :** "The license has expired."

**3.1.12.8 LIC007 :** "Invalid entry: Object does not exist or cannot be found."

**3.1.12.9 LIC008 :** "The license binding ID does not match the device unique identifier."

**3.1.12.10 LIC009 :** "The license upgrade was unsuccessful."

**3.1.12.11 LIC010 :** "Import failed: This license is not for the specified device."

**3.1.12.12 LIC011 :** "A non-evaluation license cannot be replaced with an evaluation license."

**3.1.12.13 LIC012 :** "The license file does not exist."

**3.1.12.14 LIC013 :** "These license features are not supported by this firmware version."

**3.1.12.15 LIC014 :** "Multiple backup or restore operations have been simultaneously attempted on the License Manager database."

**3.1.12.16 LIC015 :** "The License Manager database restore operation failed."

**3.1.12.17 LIC016 :** "The feature dependencies of the license are not met."

**3.1.12.18 LIC017 :** "The license file is corrupted, has not been unzipped, or is not a valid license file."

**3.1.12.19 LIC018 :** "The license is already imported."

**3.1.12.20 LIC019 :** "A leased license may not be imported prior to its start date."

**3.1.12.21 LIC020 :** "Import failed: End User License Agreement (EULA) import upgrade warning."

**3.1.12.22 LIC021 :** "Import failed: The features contained in the evaluation license are already licensed."

**3.1.12.23 LIC022 :** "License Manager database locked due to ongoing backup and restore

operation."

**3.1.12.24 LIC201 : "License <entitlement ID> assigned to device <device name> expires in <number of days> days."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"
- <number of days> = "5"

**3.1.12.25 LIC202 : "A system error was detected during License Manager startup."**

**3.1.12.26 LIC203 : "The license <entitlement ID> has encountered an error."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**3.1.12.27 LIC204 : "The License Manager database restore operation failed."**

**3.1.12.28 LIC205 : "License Manager database lock timeout has been exceeded."**

**3.1.12.29 LIC206 : "EULA warning: Importing license <entitlement ID> may violate the End-User License Agreement."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**3.1.12.30 LIC207 : "License <entitlement ID> on device <device name> has expired."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**3.1.12.31 LIC208 : "License <entitlement ID> imported to device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**3.1.12.32 LIC209 : "License <entitlement ID> exported from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**3.1.12.33 LIC210 : "License <entitlement ID> deleted from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**3.1.12.34 LIC211 : "The iDRAC feature set has changed."**

**3.1.12.35 LIC212 : "The CMC features are changed."**

**3.1.12.36 LIC213 : "A system error was detected during License Manager startup."**

**3.1.12.37 LIC501 : "A required license is missing or expired."**

**3.1.12.38 LIC502 : "Features not available."**

**3.1.12.39 LIC503 : "Unable to complete the current operation. The currently installed license does not support the following features: <licensable features>."**

When event is generated, message will have the following substitutions:

- <licensable features> = "Virtual Media"

**3.1.13 Subcategory= Log event [MessageID prefix =LOG]**

**3.1.13.1 LOG006 : "Test event generated for message ID <message ID>."**

When event is generated, message will have the following substitutions:

- <message ID> = "LOG006"

**3.1.13.2 LOG007 : "The previous log entry was repeated <log entry count> times."**

When event is generated, message will have the following substitutions:

- <log entry count> = "0"

**3.1.13.3 LOG008 : "The complete Lifecycle Log export was successful."**

**3.1.13.4 LOG203 : "Lifecycle Log archived up to Log Sequence number <seq num>."**

When event is generated, message will have the following substitutions:

- <seq num> = "0"

**3.1.13.5 LOG320 : "Log monitoring is disabled. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

**3.1.13.6 LOG326 : "The Alert Log was cleared."**

**3.1.13.7 LOG327 : "An Alert Log backup was created."**

**3.1.13.8 LOG328 : "The Server Based Management Mode is enabled."**

**3.1.13.9 LOG329 : "The Server Based Management Mode is disabled."**

### **3.1.14 Subcategory= Memory [MessageID prefix =MEM]**

**3.1.14.1 MEM8500 : "Low memory condition detected."**

**3.1.14.2 MEM8501 : "Low memory warning, <total memory size>KB, <threshold value>KB."**

When event is generated, message will have the following substitutions:

- <total memory size> = ""

**3.1.14.3 MEM8502 : "ECC Memory error rate failover condition detected."**

### **3.1.15 Subcategory= PCI Device [MessageID prefix =PCI]**

**3.1.15.1 PCI5009 : "The PCIe adapter in the PCIe slot<PCIe slot number> was removed from the slot while the server<server slot number> was turned-on."**

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

### **3.1.16 Subcategory= Power Usage [MessageID prefix =POW]**

**3.1.16.1 POW000 : "Power on permission error, chassis infrastructure not ready."**

**3.1.16.2 POW001 : "Power on permission error, chassis cover open."**

**3.1.16.3 POW002 : "Power on permission error, unknown component installed in Fabric1/Fabric2."**

**3.1.16.4 POW003 : "Power on permission error, no PCI/Mezz card installed in Fabric1/Fabric2"**

**3.1.16.5 POW004 : "Power on permission error, unacknowledge use of 110V."**

**3.1.16.6 POW005 : "Power on permission error, CMC is in MPCM mode."**

### **3.1.17 Subcategory= Power Supply [MessageID prefix =PSU]**

**3.1.17.1 PSU8501 : "Unable to retrieve PSU <slot number> input voltage information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.2 PSU8502 : "The PSU in slot <slot number> detected 110 VAC input voltage and does not match chassis configuration."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.3 PSU8503 : "The PSU in slot <slot number> detected 220 VAC input voltage and does not match chassis configuration."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.4 PSU8504 : "The Allow 110 VAC Operation overload risk is not acknowledged."**

**3.1.17.5 PSU8505 : "Unable to set the chassis redundancy policy to AC Redundancy."**

**3.1.17.6 PSU8506 : "Unable to change power cap because Server Based Power Management Mode is enabled."**

**3.1.17.7 PSU8507 : "Insufficient power available because PSU in the slot <slot number> is not present.."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.8 PSU8508 : "<error string>, PSU<slot number> firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <error string> = ""

**3.1.17.9 PSU8510 : "PSU in slot <slot number> FW updated successfully to version <version number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.10 PSU8511 : "Successfully updated the firmware for the PSU in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.11 PSU8512 : "Unable to update the firmware for the PSU in slot <slot number>. Error=0x<error number> (<error string>)"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.12 PSU8513 : "Unable to complete the PSU slot <number> firmware update. Error=0x<error number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**3.1.17.13 PSU8515 : "Unable to set the Enable Dynamic Power Supply Engagement attribute."**

**3.1.17.14 PSU8516 : "Unable to set redundancy policy because PSU enumeration is in progress."**

**3.1.17.15 PSU8517 : "PSU redundancy policy changed."**

**3.1.17.16 PSU8518 : "Unable to access the PSU <slot number> FRU data."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.17.17 PSU8519 : "Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended."**

**3.1.17.18 PSU8520 : "Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported."**

**3.1.17.19 PSU8521 : "PSU <slotnum> exceeded upper temperature threshold and has been turned off."**

When event is generated, message will have the following substitutions:

- <slotnum> = ""



### **3.1.18 Subcategory= Power Usage [MessageID prefix =PWR]**

**3.1.18.1 PWR2250 :** "Unable to turn on the server because the chassis infrastructure not ready."

**3.1.18.2 PWR2251 :** "Unable to turn on the server because the chassis cover is open."

**3.1.18.3 PWR2252 :** "Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem."

**3.1.18.4 PWR2253 :** "Unable to turn on the server because a PCIe card or Mezzanine card is not installed."

**3.1.18.5 PWR2254 :** "The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server."

**3.1.18.6 PWR2255 :** "The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server."

**3.1.18.7 PWR2256 :** "Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components."

**3.1.18.8 PWR2257 :** "The target power allocation override is <override state>. The target power allocation (AC) is <target power> Watts."

When event is generated, message will have the following substitutions:

- <override state> = "Override"
- <target power> = "Target"

**3.1.18.9 PWR2258 :** "The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: <wake threshold> %, Sleep Threshold: <sleep threshold> %."

When event is generated, message will have the following substitutions:

- <wake threshold> = "Wake Threshold"
- <sleep threshold> = "Sleep Threshold"

**3.1.18.10 PWR2260 :** "The Intel Management Engine is unresponsive and the server thermal failsafe state is activated."

**3.1.18.11 PWR2261 :** "Current Monitor initialization issue observed, IMON Revision <current monitor revision number>, CPLD IMON MFR Revision <CPLD revision number>."

When event is generated, message will have the following substitutions:

- <current monitor revision number> = "EMXZ123"
- <CPLD revision number> = "3.2.0"

**3.1.18.12 PWR2262 : "The Intel Management Engine has reported an internal system error."**

**3.1.18.13 PWR2263 : "User ignored Power Supply Oversubscription Warning."**

**3.1.18.14 PWR2404 : "Power supply capacity alert disabled."**

**3.1.18.15 PWR8500 : "Chassis power state updated to <new power state> from <old power state>."**

When event is generated, message will have the following substitutions:

- <new power state> = ""

**3.1.18.16 PWR8501 : "Successfully set Virtual Infrastructure Device power to <power reading> WDC"**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**3.1.18.17 PWR8503 : "The current value of System Input Power Cap (<power value> AC) is less than the upper limit (<power value> AC)."**

When event is generated, message will have the following substitutions:

- <power value> = ""

**3.1.18.18 PWR8504 : "Chassis power button is pressed, but the button is disabled."**

**3.1.18.19 PWR8505 : "The Dynamic Power Supply Engagement feature was not successfully enabled."**

**3.1.18.20 PWR8506 : "Cumulative power computation (KWH) time is reset on <time>."**

When event is generated, message will have the following substitutions:

- <time> = ""

**3.1.18.21 PWR8507 : "System Input Power Cap changed from <previous power value>W AC to <new power value>W AC."**

When event is generated, message will have the following substitutions:

- <previous power value> = ""

**3.1.18.22 PWR8508 : "New power budget (<power value>W AC) may permit future degradation of redundancy."**

When event is generated, message will have the following substitutions:

- <power value> = ""

**3.1.18.23 PWR8509 : "Unable to change the server power priority because Server Based Power Management mode is enabled."**

**3.1.18.24 PWR8510 : "Unable to set chassis power property <property name>."**

When event is generated, message will have the following substitutions:

- <property name> = ""

3.1.18.25 PWR8511 : "Unable to set the CHASSIS\_POWER\_button\_disable chassis power property."

3.1.18.26 PWR8512 : "CMC rebooted, because the power configuration data could not be accessed."

3.1.18.27 PWR8514 : "Unable to perform chassis power action due to insufficient privileges."

3.1.18.28 PWR8515 : "Unable to perform the chassis power action because the chassis is not turned on."

3.1.18.29 PWR8516 : "Unable to perform the chassis power action requested.."

3.1.18.30 PWR8517 : "Unable to turn off chassis power."

3.1.18.31 PWR8518 : "Unable to perform the chassis power action because the chassis is already turned on."

3.1.18.32 PWR8519 : "Unable to perform the chassis power action because the chassis is already turned off."

3.1.18.33 PWR8520 : "Initiated the chassis reset operation."

3.1.18.34 PWR8521 : "Completed chassis reset operation."

3.1.18.35 PWR8522 : "Initiated chassis power cycle operation."

3.1.18.36 PWR8523 : "Completed chassis power cycle operation."

3.1.18.37 PWR8524 : "Redundancy was lost, while Server Performance Over Power Redundancy is enabled."

3.1.18.38 PWR8525 : "110VAC Operation acknowledged."

3.1.18.39 PWR8526 : "110VAC Operation unacknowledged."

3.1.18.40 PWR8527 : "Server slot power priorities changed - reallocating power."

3.1.18.41 PWR8528 : "Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled."

3.1.18.42 PWR8529 : "Max Power Conservation Mode is enabled."

3.1.18.43 PWR8530 : "Max Power Conservation Mode is disabled."

3.1.18.44 PWR8531 : "Server Based Power Management Mode is enabled."

3.1.18.45 PWR8532 : "Server Based Power Management Mode is disabled."

3.1.18.46 PWR8533 : "Power cap changed from <power value> W AC to <power value> W

## AC."

When event is generated, message will have the following substitutions:

- <power value> = ""

**3.1.18.47 PWR8534 : "Unable to set Server Based Power Management Mode to enable."**

**3.1.18.48 PWR8535 : "Unable to set Server Based Power Management Mode to disable."**

**3.1.18.49 PWR8536 : "Server Performance Over Power Redundancy is enabled."**

**3.1.18.50 PWR8537 : "Server Performance Over Power Redundancy is disabled."**

**3.1.18.51 PWR8538 : "Power Remote Logging is enabled."**

**3.1.18.52 PWR8539 : "Power Remote Logging is disabled."**

**3.1.18.53 PWR8540 : "Power Remote Logging Interval set to <interval>"**

When event is generated, message will have the following substitutions:

- <interval> = ""

**3.1.18.54 PWR8541 : "Chassis powerup operation initiated."**

**3.1.18.55 PWR8542 : "Chassis powerup operation completed."**

**3.1.18.56 PWR8543 : "Server <slot number> power inventory is not valid. Power inventory reading is Max Power=<max power reading> AC Watt, Min Power=<min power reading> AC Watt, Allocated Power=<allocated power reading> AC Watt"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.57 PWR8544 : "Chassis Management Controller turned off the Server <slot number> because of insufficient power at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.58 PWR8545 : "Chassis Management Controller turned off the server <slot number> because of incorrect power data retrieved from iDRAC at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.59 PWR8546 : "Chassis shutdown already in progress."**

**3.1.18.60 PWR8547 : "Chassis is already powered off."**

**3.1.18.61 PWR8548 : "Chassis shutdown operation initiated."**

**3.1.18.62 PWR8549 : "Chassis shutdown did not complete successfully."**

**3.1.18.63 PWR8550 : "Chassis shutdown completed."**

**3.1.18.64 PWR8551 : "Successfully set Virtual Infrastructure Device power to <power reading> DC Watt."**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**3.1.18.65 PWR8552 : "Chassis Management Controller is unable to turn on <component name>-<component id> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.66 PWR8554 : "Chassis Management Controller is unable to send power allocation information to <component name>-<component id> at priority <priority number>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.67 PWR8555 : "Chassis Management Controller unable to turn on <component name>-<slot number>at priority <priority number> because of insufficient power. Minimum power needed is <min power> AC Watt, but only <avaialble power> AC Watt is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.68 PWR8556 : "Server <slot number> was shutdown due to insufficient power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.69 PWR8559 : "Power cycle initiated for I/O Module <iIOM slot name>."**

When event is generated, message will have the following substitutions:

- <iIOM slot name> = ""

**3.1.18.70 PWR8560 : "Unable to turn on I/O Module <IOM slot name> due to insufficient chassis power."**

When event is generated, message will have the following substitutions:

- <IOM slot name> = ""

**3.1.18.71 PWR8561 : "Unable to power on server <server number> because of iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.72 PWR8562 : "Unable to power on the server <server number> before power on timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.73 PWR8563 : "Unable to turn on Server <server number> due to I/O fabric inconsistency."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.74 PWR8564 : "Unable to turn on the Server <slot number> because the power request exceeded the System Input Power Cap."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.75 PWR8565 : "Unable to turn off the Server <server number> due to iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.76 PWR8566 : "Unable to turn off the Server <server number> before the Power Off timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.77 PWR8567 : "Unable to turn off Server <server number> on a power cycle action."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.78 PWR8568 : "Server <slot number> did not gracefully shutdown before the timer expired."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.79 PWR8569 : "Unable to power cycle the server <slot number> because the server is off."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.80 PWR8570 : "Unable to communicate to the iDRAC, when trying to power cycle the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.81 PWR8571 : "Unable to perform the power action requested for the server <server id> because another power action is in progress."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**3.1.18.82 PWR8572 : "Unable to shutdown the server <server id> because the server is off."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**3.1.18.83 PWR8573 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**3.1.18.84 PWR8574 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.85 PWR8575 : "Initiated the Virtual Reseat of server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**3.1.18.86 PWR8576 : "Unable to turn on the Sleeve or Sled <slot number> after a virtual reseat operation."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.87 PWR8577 : "A virtual reseat operation is initiated on Sleeve or Sled <slot number>."**

When event is generated, message will have the following substitutions:



- <slot number> = ""

**3.1.18.88 PWR8578 : "Chassis Management Controller is unable to turn on the iDRAC on server-<slot number> because power required is less than available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.89 PWR8579 : "Request to reset the CMC <slot id> is initiated."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**3.1.18.90 PWR8580 : "Chassis Management Controller is unable to turn on server-<slot number> because the Chassis is not turned on."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.91 PWR8581 : "Chassis Management Controller is unable to turn on server-<slot number> because another chassis power operation is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.92 PWR8582 : "Chassis Management Controller is unable to turn on server-<slot number> because Max Power Conservation Mode is enabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.93 PWR8583 : "Chassis Management Controller is unable to turn on server-<slot number> because unacknowledged 110V PSUs are present."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.94 PWR8584 : "Chassis Management Controller is unable to turn on server-<slot number> because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.95 PWR8585 : "Chassis Management Controller granted the power required to turn on server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.96 PWR8586 : "Chassis Management Controller is unable to turn on server-<slot number> because it is not supported in the VRTX chassis."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.97 PWR8587 : "Chassis Management Controller is unable to turn on server-<slot number> because the chassis enclosure is open."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.98 PWR8588 : "Chassis Management Controller is unable to turn on server-<slot number> because a chassis infrastructure firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.99 PWR8589 : "The server-<slot number> does not have PCIe Mezzanine card in slot B1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.100 PWR8590 : "The server-<slot number> does not have PCIe Mezzanine card in slot C1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.101 PWR8591 : "Servers are turned off to allocate power to the newly inserted hard disk drives."**

**3.1.18.102 PWR8592 : "Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress."**

**3.1.18.103 PWR8593 : "Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress."**

**3.1.18.104 PWR8594 : "Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested watts> AC Watt is more than available power <available watts> AC Watt."**

When event is generated, message will have the following substitutions:

- <requested watts> = ""

**3.1.18.105 PWR8595 : "Chassis Management Controller is unable to turn on server <slot id> due to insufficient power for the <chassis component name>."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**3.1.18.106 PWR8596 : "Chassis Management Controller is unable to turn on server-<slot number> because PSU redundancy is lost and the available power is insufficient."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.18.107 PWR8597 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not supported by the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**3.1.18.108 PWR8598 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not compatible with the other PSUs used in the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**3.1.18.109 PWR8654 : "Chassis Management Controller (CMC) is unable to send power allocation information to the component <component name>-<component id>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.110 PWR8655 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power. The minimum required power is <min power> AC Watts, but only <available power> AC Watts is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.111 PWR8656 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**3.1.18.112 PWR8663 : "Unable to turn on the server <server number> because of an inconsistency between the I/O module and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.113 PWR8666 : "iKVM power cycle initiated."**

**3.1.18.114 PWR8667 : "Resetting iKVM to default settings."**

**3.1.18.115 PWR8668 : "iKVM reset initiated."**

**3.1.18.116 PWR8669 : "Unable to turn on the server <server number> because of an inconsistency between the chassis components and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.18.117 PWR8670 : "Unable to turn on server<slot ID> because the required power <power level> AC Watts exceeds the subsystem Connector Limit <power limit> AC Watts for IO modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <slot ID> = ""

**3.1.18.118 PWR8671 : "The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested power level> AC Watts exceeds the subsystem power limit <power limit> AC Watts for IO Modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <requested power level> = ""

### **3.1.19 Subcategory= RAC Event [MessageID prefix =RAC]**

**3.1.19.1 RAC0100 :** "The Smart Card is removed. Further communication is not possible."

**3.1.19.2 RAC0101 :** "The inserted Smart Card is not valid or the Smart Card reader is not supported."

**3.1.19.3 RAC0102 :** "The Smart Card Logon plug-in is not installed. Install the plug-in from the iDRAC Web GUI to log in using Smart Card."

**3.1.19.4 RAC0103 :** "This browser does not support Smart Card logon on iDRAC. Use Internet Explorer version 7.0 or later to use this feature."

**3.1.19.5 RAC0104 :** "An incorrect PIN was entered."

**3.1.19.6 RAC0105 :** "The Smart Card reader cannot be detected. Check whether the reader is installed correctly."

**3.1.19.7 RAC0106 :** "The Smart Card cannot be detected. Insert the Smart Card correctly."

**3.1.19.8 RAC0107 :** "The inserted Smart Card cannot be recognized. Ensure that the correct Smart Card CSP drivers are installed."

**3.1.19.9 RAC0108 :** "An internal error is encountered. Insert a valid Smart Card and try again. (Does this and preceeding messages show up in the SEL?)"

**3.1.19.10 RAC0113 :** "Remote Syslog Port value is invalid: Valid range is 1-65535 or 0x1-0xFFFF."

**3.1.19.11 RAC0115 :** "The Destination IP Address value is invalid."

**3.1.19.12 RAC0116 :** "Invalid Destination IPv6 Address."

**3.1.19.13 RAC0117 :** "SD card is unavailable."

**3.1.19.14 RAC0118 :** "Unsupported vFlash SD card detected."

**3.1.19.15 RAC0120 :** "The selected partition size exceeds the available space."

**3.1.19.16 RAC0121 :** "SD card is not initialized."

**3.1.19.17 RAC0124 :** "Invalid label: Label must be exclusively alphanumeric characters."

**3.1.19.18 RAC0126 :** "The label value is invalid. Expected range: 1-6 alphanumeric characters."

**3.1.19.19 RAC0127 :** "The specified size must be a non-fractional numeric value."

**3.1.19.20 RAC0128 :** "An error has occurred in vFlash."

**3.1.19.21 RAC0129 :** "An error has occurred while initializing the SD card."

**3.1.19.22 RAC0130 :** "An error has occurred while creating a partition."

**3.1.19.23 RAC0131 :** "An error has occurred while deleting a partition."

**3.1.19.24 RAC0132 :** "An error has occurred while formatting a partition."

**3.1.19.25 RAC0133 :** "An error has occurred while downloading a partition."

partition."

3.1.19.30 RAC0138 : "A valid certificate is not loaded."

3.1.19.31 RAC0140 : "Firmware update has failed."

3.1.19.32 RAC0141 : "Firmware update verification failed: The update status is unknown."

3.1.19.33 RAC0142 : "File is not valid for iDRAC firmware update."

3.1.19.34 RAC0146 : "Firmware rollback has failed."

3.1.19.35 RAC0147 : "Rollback firmware is not available."

3.1.19.36 RAC0148 : "Unable to retrieve the batteries information. The system is powered off."

3.1.19.37 RAC0149 : "Unable to retrieve the fan information. The system is powered off."

3.1.19.38 RAC0150 : "Unable to retrieve the intrusion sensor information. The system is powered off."

3.1.19.39 RAC0151 : "Unable to retrieve the removable flash media information. The system is powered off."

3.1.19.40 RAC0152 : "Unable to retrieve the power supply information. The system is powered off."

3.1.19.41 RAC0153 : "Non-redundant power mode: Check the system hardware manual for implications."

3.1.19.42 RAC0154 : "Non-redundant power mode: Secondary power supply has degraded."

3.1.19.43 RAC0155 : "Unable to retrieve the temperature information. The system is powered off."

3.1.19.44 RAC0156 : "Unable to retrieve the voltage information. The system is powered off."

3.1.19.45 RAC0158 : "Uploading kerberos keytab has failed."

3.1.19.46 RAC0159 : "Certificate upload failed: No pending CSR or private key."

3.1.19.47 RAC0160 : "Certificate upload failed: Cannot validate the certificate."

3.1.19.48 RAC0169 : "Certificate upload failed: Certificate is not valid."

3.1.19.49 RAC0171 : "Certificate upload failed: Certificate has expired."

3.1.19.50 RAC0180 : "Certificate upload failed: Unable to get local issuer certificate from the Certification Authority (CA) for confirming the CA is legitimate."

3.1.19.51 RAC0206 : "Certificate upload failed: Not a certificate file."

382

3.1.19.52 RAC0207 : "Certificate upload failed."

3.1.19.53 RAC0208 : "Upload failed: May be due to invalid key data."

3.1.19.54 RAC0209 : "Certificate upload failed: iDRAC unable to upload at this time."

characters."

**3.1.19.65 RAC0222 : "The Destination E-mail Address is invalid."**

**3.1.19.66 RAC0223 : "Enter an alphanumeric value or a valid symbol for the following (see the online help for more information):"**

**3.1.19.67 RAC0224 : "Invalid e-mail description."**

**3.1.19.68 RAC0225 : "Sending the test mail failed."**

**3.1.19.69 RAC0226 : "Send Failed: Request processing failed."**

**3.1.19.70 RAC0227 : "SD card is not detected: Insert an SD Card of size greater than 256MB."**

**3.1.19.71 RAC0228 : "SD Card is detected with an unrecognized format. Click Initialize to initialize the card."**

**3.1.19.72 RAC0230 : "This operation erases all data in the SD Card. Do you want to continue?"**

**3.1.19.73 RAC0231 : "This operation erases all data in the partition. Do you want to continue?"**

**3.1.19.74 RAC0235 : "vFlash image upload timed out."**

**3.1.19.75 RAC0236 : "Invalid image: Upload failed"**

**3.1.19.76 RAC0237 : "An error occurred while uploading the vFlash image."**

**3.1.19.77 RAC0238 : "vFlash is currently in-use by another process. Try again later."**

**3.1.19.78 RAC0239 : "SD Card is write-protected."**

**3.1.19.79 RAC0240 : "vFlash is disabled."**

**3.1.19.80 RAC0241 : "The specified size exceeds the maximum size of <size> MB."**

When event is generated, message will have the following substitutions:

- <size> = "4096"

3.1.19.81 RAC0242 : "The selected partition does not exist."

3.1.19.82 RAC0243 : "Partition failed: A partitioning conflict has occurred with another session."

3.1.19.83 RAC0244 : "The partition label must be unique."

3.1.19.84 RAC0245 : "The partition is in-use by another process."

3.1.19.85 RAC0246 : "Partition is read-only."

3.1.19.86 RAC0247 : "The partition is currently attached."

3.1.19.87 RAC0248 : "This operation deletes the partition permanently. Do you want to continue?"

3.1.19.88 RAC0249 : "One or more partitions are in-use by another process."

3.1.19.89 RAC0250 : "One or more partitions are read-only."

3.1.19.90 RAC0251 : "One or more partitions are currently attached."

3.1.19.91 RAC0252 : "One or more partitions are currently detached."

3.1.19.92 RAC0253 : "The IP Address is invalid. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

3.1.19.93 RAC0254 : "The Gateway Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

3.1.19.94 RAC0255 : "The Subnet Mask is invalid. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254)."

3.1.19.95 RAC0256 : "The Preferred DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

3.1.19.96 RAC0257 : "The Alternate DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)]."

3.1.19.97 RAC0259 : "Invalid IPv6 address."

3.1.19.98 RAC0260 : "Invalid IPv6 prefix length. Expected range: 0-128."

3.1.19.99 RAC0261 : "Invalid IPv6 gateway address."

3.1.19.100 RAC0262 : "The Preferred IPv6 DNS Server Address is invalid."

3.1.19.101 RAC0263 : "The Alternate IPv6 DNS Server Address is invalid."

3.1.19.102 RAC0265 : "Specify the VLAN ID and VLAN Priority."

3.1.19.103 RAC0266 : "Invalid VLAN ID. Expected range: 1-4094."

3.1.19.104 RAC0267 : "Invalid VLAN Priority. Expected range: 0-7."

3.1.19.105 RAC0268 : "NIC is disabled."

3.1.19.106 RAC0269 : "The NIC MTU is invalid. Expected range: 576-1500 or 0x240-0x5DC."



remotely through Web GUI, Remote Racadm, Ssh, and Telnet. Local Racadm and serial interface will continue to work."

3.1.19.110 RAC0273 : "iDRAC access will be limited to running the Racadm utility on the local server or using the serial interface."

3.1.19.111 RAC0274 : "See the iDRAC user documentation for more information on using the Racadm utility or the serial interface."

3.1.19.112 RAC0275 : "Click OK to disable the NIC. Click Cancel to keep the setting unchanged."

3.1.19.113 RAC0276 : "To save the changes and update this page, click Apply."

3.1.19.114 RAC0277 : "Disabling IPv4 prevents access to iDRAC using an IPv4 address."

3.1.19.115 RAC0278 : "Disabling IPv6 prevents access to iDRAC using an IPv6 address."

3.1.19.116 RAC0279 : "Invalid Encryption Key. Expected format: 0 to 40 characters, even number of characters and no blank spaces are allowed."

3.1.19.117 RAC0280 : "The IP Range Address is invalid. Expected range: 0.0.0.0 - 255.255.255.255."

3.1.19.118 RAC0281 : "The IP Subnet Mask is invalid. Expected range: 0.0.0.0 - 255.255.255.255."

3.1.19.119 RAC0282 : "IP Blocking Fail Count is invalid. Expected range: 2-16."

3.1.19.120 RAC0283 : "IP Blocking Fail Window is invalid. Expected range: 10-65535."

3.1.19.121 RAC0284 : "IP Blocking Fail Penalty Time is invalid. Expected range: 10-65535."

3.1.19.122 RAC0285 : "User name cannot be empty."

3.1.19.123 RAC0286 : "New Password and Confirm New Password fields cannot be empty."

3.1.19.124 RAC0288 : "Invalid entry: Entry must be exclusively alphanumeric characters and valid symbols."

3.1.19.125 RAC0289 : "Values in New Password and Confirm New Password fields do not match."

3.1.19.126 RAC0290 : "The user name cannot have spaces."

3.1.19.127 RAC0291 : "The user name cannot contain: /, \, @, ., or " (quotation mark)."

3.1.19.128 RAC0292 : "A valid certificate is not loaded."

3.1.19.129 RAC0293 : "When certificate validation is enabled, a valid root Certificate

**Authority (CA) certificate must be uploaded. The CA certificate is used to verify the directory server SSL certificate."**

**3.1.19.130 RAC0294 : "The Character Accumulate Interval value is invalid. Expected range: 1-255."**

**3.1.19.131 RAC0295 : "The Character Send Threshold value is invalid. Expected range: 1-255."**

**3.1.19.132 RAC0297 : "Specify a Domain Controller Address must be configured."**

**3.1.19.133 RAC0298 : "Root Domain Name must be configured."**

**3.1.19.134 RAC0301 : "Remote File Share connection is unavailable. Check the settings and try again."**

**3.1.19.135 RAC0302 : "iDRAC Express does not support this feature."**

**3.1.19.136 RAC0303 : "Virtual Console is disabled or you do not have the Access Virtual Console privilege."**

**3.1.19.137 RAC0304 : "Firmware update is terminated."**

**3.1.19.138 RAC0400 : "iDRAC memory low."**

**3.1.19.139 RAC0401 : "idracmonitor: <error string>"**

When event is generated, message will have the following substitutions:

- <error string> = "Error String"

**3.1.19.140 RAC0611 : "IP Address cannot be blank."**

**3.1.19.141 RAC0657 : "The file name field must not be blank."**

**3.1.19.142 RAC0660 : "Unable to access the specified file server location."**

**3.1.19.143 RAC0700 : "Email page successful to <email address>."**

When event is generated, message will have the following substitutions:

- <email address> = "yourname@company.com"

- 3.1.19.144 RAC0701 : "Requested system powerup."**
- 3.1.19.145 RAC0702 : "Requested system powercycle."**
- 3.1.19.146 RAC0703 : "Requested system hardreset."**
- 3.1.19.147 RAC0704 : "Requested system powerdown."**
- 3.1.19.148 RAC0705 : "Requested system graceful shutdown."**
- 3.1.19.149 RAC0706 : "Requested system NMI."**
- 3.1.19.150 RAC0708 : "Previous reboot was due to a firmware watchdog timeout."**
- 3.1.19.151 RAC0709 : "Unknown server inserted into chassis."**
- 3.1.19.152 RAC0710 : "Server link tuning error."**
- 3.1.19.153 RAC0711 : "Unknown power on response from the CMC."**
- 3.1.19.154 RAC0712 : "Server failed to power up due to zero power allocated."**
- 3.1.19.155 RAC0713 : "Server failed to power up due to fabric mismatch."**
- 3.1.19.156 RAC0714 : "Server failed to power up due to noncontinuous power action."**
- 3.1.19.157 RAC0715 : "Image file does not exist in the given remote share path."**
- 3.1.19.158 RAC0716 : "Unable to unmount remote share."**
- 3.1.19.159 RAC0717 : "Remote share unmounted successfully."**
- 3.1.19.160 RAC0718 : "Remote File Share service is busy with the previous connection."**
- 3.1.19.161 RAC0719 : "Not able to connect to remote file share. Virtual media devices are already in use."**
- 3.1.19.162 RAC0720 : "Unable to mount remote share <sharename>."**

When event is generated, message will have the following substitutions:

- <sharename> = "192.168.1.1:/nfs\_share/boot1.iso"

**3.1.19.163 RAC0721 : "Remote share mounted successfully <sharename>."**

When event is generated, message will have the following substitutions:

- <sharename> = "192.168.1.1:/nfs\_share/boot1.iso"

**3.1.19.164 RAC0722 : "Failed to program the Chassis assigned MAC address for the NIC.Integrated.<NDC slot number >."**

When event is generated, message will have the following substitutions:

- <NDC slot number > = "1"

**3.1.19.165 RAC0723 : "The firmware version <version number> of the Chassis Management Controller is earlier than the required version <version number>."**

When event is generated, message will have the following substitutions:

- <version number> = "3.0"
- <version number> = "4.0"

**3.1.19.166 RAC0726 : "Auto-throttling is disabled for the server."**

**3.1.19.167 RAC0727 : "Auto-throttling is enabled for the server."**

**3.1.19.168 RAC0801 : "iDRAC is being reset."**

**3.1.19.169 RAC802 : "iDRAC time is set using Network Time Protocol."**

**3.1.20 Subcategory= Redundancy [MessageID prefix =RDU]**

**3.1.20.1 RDU8500 : "CMC<slot number>: active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.20.2 RDU8501 : "CMC<slot number>: waiting to be reset by other CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.20.3 RDU8502 : "CMC<slot number> cannot go standby since the other CMC is not present or healthy."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.20.4 RDU8506 : "CMC<slot number>: enable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.20.5 RDU8507 : "CMC<slot number>: disable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.6 RDU8508 : "CMC<slot number>: cannot failover since the other CMC is non-functional."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.7 RDU8509 : "CMC<slot number>: cannot failover, chassis is in non-redundant state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.8 RDU8510 : "CMC<slot number>: cannot failover, CMC firmware versions are different"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.9 RDU8511 : "Unable to failover, CMC<slot number> in unknown state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.10 RDU8512 : "CMC<slot number>: firmware versions are different [<local fw version> <factory revision> : <remote version> <factory revision>]"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.11 RDU8513 : "CMC<slot number>: firmware versions are same <fw version> <factory revision>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.12 RDU8514 : "CMC<slot number>: cannot failover, firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.13 RDU8515 : "CMC<slot number>: failover was initiated by internal health monitoring process."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.14 RDU8516 : "CMC<slot number>: failover initiated by RACADM interface."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.15 RDU8517 : "CMC<slot number>: no action allowed while firmware update is in progress"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.16 RDU8518 : "CMC<slot number>: active CMC<slot number> requests Standby CMC to go active state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.17 RDU8519 : "Unable to communicate with peer CMC <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.18 RDU8520 : "CMC<slot number>: recovered from unhealthy state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.19 RDU8521 : "CMC<slot number>: active CMC has been removed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.20 RDU8522 : "CMC<slot number>: standby CMC<slot number> became active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.21 RDU8523 : "CMC<slot number>: reset by peer CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.20.22 RDU8524 : "CMC<slot number>: failover is not allowed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **3.1.21 Subcategory= Software Config [MessageID prefix =SWC]**

**3.1.21.1 SWC1916 : "Network Time Protocol server configuration has changed."**

**3.1.21.2 SWC1920 : "The Chassis Management at Server Mode is enabled."**

**3.1.21.3 SWC1921 : "The Chassis Management at Server Mode is disabled."**

**3.1.21.4 SWC1923 : "Unable to modify the server configuration by using Quick Sync because invalid credentials are entered."**

**3.1.21.5 SWC1924 : "Unable to modify the server configuration by using Quick Sync."**

**3.1.21.6 SWC8500 : "Unable to generate Profile with [ <number of entries> ] settings."**

When event is generated, message will have the following substitutions:

- <number of entries> = ""

**3.1.21.7 SWC8501 : "Unable to generate Profile."**

**3.1.21.8 SWC8502 : "A Profile is successfully generated with [ <schema count> ] settings."**

When event is generated, message will have the following substitutions:

- <schema count> = ""

**3.1.21.9 SWC8503 : "<profile name> Profile is renamed to <new profile name>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.10 SWC8504 : "<profile name> Profile renamed to <new profile name> and description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.11 SWC8505 : "<profile name> Profile description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.12 SWC8506 : "<profile name> Profile deleted."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.13 SWC8507 : "<profile name> Profile created."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **3.1.21.14 SWC8508 : "Unable to capture Profile from server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.21.15 SWC8509 : "Unable to apply <profile name> Profile to server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **3.1.21.16 SWC8510 : "Unable to apply <profile name> Profile to requested Server(s)"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **3.1.21.17 SWC8511 : "User <user name> was successfully added"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.18 SWC8512 : "Unable to add User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.19 SWC8513 : "Successfully deleted User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.20 SWC8514 : "Unable to delete User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.21 SWC8515 : "Successfully modified privileges of User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.22 SWC8516 : "Unable to modify privileges of User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.23 SWC8517 : "Successfully modified password of User <user name>."**

When event is generated, message will have the following substitutions:



- <user name> = ""

#### **3.1.21.24 SWC8518 : "Unable to modify password of User <user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **3.1.21.25 SWC8519 : "Successfully modified user name from <original user name> to <new user name>."**

When event is generated, message will have the following substitutions:

- <original user name> = ""

#### **3.1.21.26 SWC8520 : "Unable to modify user name from <original user name> to <new\_user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <original user name> = ""

#### **3.1.21.27 SWC8521 : "Unable to modify timeout for session: <SER/TEL/SSH/GUI/RAC/KVM/ERR>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <SER/TEL/SSH/GUI/RAC/KVM/ERR> = ""

#### **3.1.21.28 SWC8522 : "Chassis Group Leader update of member <member id> configuration successful."**

When event is generated, message will have the following substitutions:

- <member id> = ""

#### **3.1.21.29 SWC8523 : "Unable to complete Chassis Group Leader update of member <DNS or IP address>."**

When event is generated, message will have the following substitutions:

- <DNS or IP address> = ""

#### **3.1.21.30 SWC8524 : "Unable to add <target> to Chassis Group because a member already exists with the same addressing information."**

When event is generated, message will have the following substitutions:

- <target> = ""

#### **3.1.21.31 SWC8525 : "Unable to add member to Chassis Group. Maximum members supported is <maximum number of members>."**

When event is generated, message will have the following substitutions:

- <maximum number of members> = ""

**3.1.21.32 SWC8526 : "Unable to delete Chassis Group member <member id> (<DNS or IP address of member>)"**

When event is generated, message will have the following substitutions:

- <member id> = ""

**3.1.21.33 SWC8527 : "Chassis Management Controller is unable to update the iDRAC user name to "root"."**

**3.1.21.34 SWC8528 : "Chassis Management Controller is unable to update the iDRAC root password."**

**3.1.21.35 SWC8529 : "Chassis Management Controller unable to enable the iDRAC root user."**

**3.1.21.36 SWC8530 : "Chassis Management Controller unable to set administrator access to the iDRAC root user."**

**3.1.21.37 SWC8531 : "Chassis Management Controller unable to set iDRAC administrator role for root user account."**

**3.1.21.38 SWC8532 : "Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs."**

**3.1.21.39 SWC8533 : "Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file."**

**3.1.21.40 SWC8534 : "All keys deleted for all slots of service account."**

**3.1.21.41 SWC8535 : "Unable to add key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.42 SWC8536 : "Unable to add key for slot <slot number> of service account, due to corrupt key."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.43 SWC8537 : "Unable to add key for slot <slot number> of service account, due to the key being too long."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.44 SWC8538 : "Unable to delete key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.45 SWC8539 : "The key delete operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.46 SWC8540 : "The add key operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.47 SWC8541 : "<profile name> Profile imported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.48 SWC8542 : "<profile name> Profile exported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.49 SWC8600 : "The selected profile was not applied to <server list>."**

When event is generated, message will have the following substitutions:

- <server list> = ""

**3.1.21.50 SWC8601 : "Quick Deploy Profile unable to apply profile <profile name> to server <server number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.51 SWC8602 : "Quick Deploy Profile for server <server number> was not successful."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.21.52 SWC8603 : "Unable to apply profile to server <slot number> using Quick Deploy feature, because the CSIOR feature on Server <slot number> is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.53 SWC8604 : "Quick Deploy Profile: Server <server number> does not support configuration using profiles."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.21.54 SWC8605 : "Quick Deploy Profile: Server <server number> generation information is not recognized."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.21.55 SWC8606 : "Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server <server number>."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**3.1.21.56 SWC8607 : "Quick Deploy Profile: Starting to apply profile <profile name> to server <server number>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**3.1.21.57 SWC8608 : "Server Profiles: unable to access server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.58 SWC8609 : "Server Profiles: unknown response received from server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.21.59 SWC8610 : "Job ID: <job ID>. CMC sent all settings of profile <profile\_name> to Server (Service Tag: <service tag>) in Slot <slot number>."**

When event is generated, message will have the following substitutions:

- <job ID> = ""

**3.1.21.60 SWC8611 : "Profile "<profile name>" and Server (Service Tag: <service tag>) in Slot <slot number>) are not compatible."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **3.1.21.61 SWC8612 : "Unable to fully extract boot device information from profile: <profile name>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **3.1.21.62 SWC8613 : "Unable to fully extract <boot list name> boot list settings from the profile."**

When event is generated, message will have the following substitutions:

- <boot list name> = ""

#### **3.1.21.63 SWC8614 : "Legacy profile setting: <attribute name> is not recognized."**

When event is generated, message will have the following substitutions:

- <attribute name> = ""

#### **3.1.21.64 SWC8615 : "Profile is successfully generated."**

#### **3.1.21.65 SWC8616 : "Server in slot <slot number> is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.1.21.66 SWC8617 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

#### **3.1.21.67 SWC8618 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Message ID <message\_id>. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

#### **3.1.21.68 SWC8622 : "Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot <slot\_number>."**

When event is generated, message will have the following substitutions:

- <slot\_number> = ""

### **3.1.22 Subcategory= Software Change [MessageID prefix =SWU]**

#### **3.1.22.1 SWU8556 : "Unable to configure the sled network uplink on sled <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.1.22.2 SWU8557 :** "Invalid firmware: The uploaded firmware image does not contain a verification signature."

**3.1.22.3 SWU8558 :** "Invalid firmware: The uploaded firmware image validation was unsuccessful."

**3.1.22.4 SWU8559 :** "The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported."

**3.1.22.5 SWU8560 :** "The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error."

### **3.1.23 Subcategory= System Info [MessageID prefix =SYS]**

**3.1.23.1 SYS101 :** "Server Administrator Data Manager service has started."

**3.1.23.2 SYS102 :** "Server Administrator Data Manager service has stopped."

**3.1.23.3 SYS103 :** "Administrator has started."

**3.1.23.4 SYS104 :** "Server Administrator is starting."

**3.1.23.5 SYS106 :** "An unknown system control action was initiated by the user."

**3.1.23.6 SYS107 :** "A system reboot was initiated by the user."

**3.1.23.7 SYS108 :** "A system power off was initiated by the user."

**3.1.23.8 SYS109 :** "A system power cycle was initiated by the user."

**3.1.23.9 SYS110 :** "The actions Shutdown OS First and Reboot System were initiated by the user."

**3.1.23.10 SYS111 :** "The actions Shutdown OS First and Power Off System were initiated by the user."

**3.1.23.11 SYS112 :** "The actions Shutdown OS First and Power Cycle System were initiated by the user."

**3.1.23.12 SYS113 :** "An invalid action was requested by the user."

**3.1.23.13 SYS1000 :** "System is turning on."

**3.1.23.14 SYS1001 :** "System is turning off."

**3.1.23.15 SYS1002 :** "System is performing a power cycle."

**3.1.23.16 SYS1003 :** "System CPU Resetting."

**3.1.23.17 SYS8500 :** "Delay Auto-throttle sent to <number of servers> server(s). <error string>

## **<errors>"**

When event is generated, message will have the following substitutions:

- <number of servers> = ""

### **3.1.24 Subcategory= Temperature [MessageID prefix =TMP]**

#### **3.1.24.1 TMP8500 : "I/O Module <iom slot name> temperature exceeded operating range."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

#### **3.1.24.2 TMP8501 : "Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system."**

#### **3.1.24.3 TMP8502 : "Able to read planar board temperature sensors. Cooling set for normal chassis operation."**

### **3.1.25 Subcategory= User Tracking [MessageID prefix =USR]**

#### **3.1.25.1 USR0002 : "<username> login from <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

#### **3.1.25.2 USR0005 : "Login failed from <username>: <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

#### **3.1.25.3 USR0007 : "<username> closing session from <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"



**3.1.25.4 USR0008 : "The Default Login Warning feature is disabled."**

**3.1.25.5 USR0013 : "Insufficient user privileges to perform operation."**

**3.1.25.6 USR0014 : "The current user session is invalid."**

**3.1.25.7 USR0015 : "The specified user does not exist."**

**3.1.25.8 USR0016 : "Unable to get session info from the RAC."**

**3.1.25.9 USR0017 : "No active sessions currently exist for the specified user."**

**3.1.25.10 USR0018 : "No active sessions currently exist."**

**3.1.25.11 USR0019 : "Specified user name is too long."**

**3.1.25.12 USR0020 : "Invalid Session ID."**

**3.1.25.13 USR0021 : "Unable to close session with the specified ID"**

**3.1.25.14 USR0022 : "The specified user already exists. Duplicate user names are not allowed."**

**3.1.25.15 USR0023 : "The current user privilege is not valid."**

**3.1.25.16 USR0030 : "Successfully logged in using <username>, from <IP address> and <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

**3.1.25.17 USR0031 : "Unable to log in for <username> from <IP address> using <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

**3.1.25.18 USR0032 : "The session for <username> from <IP address> using <interface name> is logged off."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"

- <interface name> = "GUI"

#### **3.1.25.19 USR0033 : "Login for <username> from <IP address> using <interface name> was incomplete."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **3.1.25.20 USR0034 : "Login attempt alert for <username> from <IP Address> using <interface name>, IP will be blocked for <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <username> = "User"
- <IP Address> = "IPAddress"
- <interface name> = "Interface"
- <seconds> = "Seconds"

#### **3.1.25.21 USR106 : "<username> unauthorized for <operation> on <classname>.<methodname>"**

When event is generated, message will have the following substitutions:

- <username> = "username"
- <operation> = "operation"
- <classname> = "classname"
- <methodname> = "methodname"

#### **3.1.25.22 USR107 : "The operation <Set/Invoke> of the <methodname name or instance> was performed by <username>"**

When event is generated, message will have the following substitutions:

- <Set/Invoke> = "SET"
- <methodname name or instance> = "DCIM\_SystemManagementService"
- <username> = "root"

#### **3.1.25.23 USR0150 : "Opening a remote VNC session from IP address <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **3.1.25.24 USR0151 : "The remote VNC session from the IP address <IP address> is logging off."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**3.1.25.25 USR0152 : "Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**3.1.25.26 USR0153 : "Logging off the remote VNC session from the IP address <IP address>, because the session timed out."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

**3.1.25.27 USR0170 : "The Front Panel USB port is attached to iDRAC Disk.USBFront.<port number>. Device details: Device class <class>, Vendor ID <vendor ID>, Manufacturer Name <manufacture name>, Product ID <product ID>, Product Name <product name>, Serial Number <serial>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"
- <vendor ID> = "Vendor"
- <manufacture name> = "Man"
- <product ID> = "Prod"
- <product name> = "Name"
- <serial> = "Serial"

**3.1.25.28 USR0171 : "The Front Panel USB port is detached from the iDRAC Disk.USBFront.<port number>. Device Details: Device Class <class>, Vendor ID <vendor ID>, Product ID <product ID>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"
- <vendor ID> = "Vendor"
- <product ID> = "Product"

**3.1.25.29 USR0172 : "The Front Panel USB Management Port Mode setting is changed from <previous mode> to <new mode>."**

When event is generated, message will have the following substitutions:

- <previous mode> = "OldMode"
- <new mode> = "NewMode"

**3.1.25.30 USR0173 : "The Front Panel USB port switched automatically from iDRAC to operating system."**

**3.1.25.31 USR0174 : "The Front Panel USB device is removed from the operating system."**

**3.1.25.32 USR0175 : "The Front Panel USB Port Over Current is detected for the attached device on Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"

**3.1.25.33 USR0176 : "The Front Panel USB Port Over Current condition is cleared for the attached device Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"

**3.1.25.34 USR0177 : "Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode."**

**3.1.25.35 USR0180 : "The Quick Sync feature is enabled because the activate button on the bezel was pressed."**

**3.1.25.36 USR0181 : "The Quick Sync feature is deactivated because the inactivity timeout limit was reached."**

**3.1.25.37 USR0182 : "Server information has been accessed by using the iDRAC Quick Sync feature."**

**3.1.25.38 USR0183 : "A bezel with the iDRAC Quick Sync feature is detected."**

**3.1.25.39 USR0184 : "A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available."**

**3.1.25.40 USR0190 : "Peak value is reset for <sensor type> sensor."**

When event is generated, message will have the following substitutions:

- <sensor type> = "SensorType"

**3.1.25.41 USR8500 : "Excessive login failures from <IP address>; blocked for <number> seconds."**

When event is generated, message will have the following substitutions:

- <IP address> = ""

**3.1.25.42 USR8501 : "Successfully closed Session process: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

#### **3.1.25.43 USR8502 : "Successfully closed Session: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

#### **3.1.25.44 USR8503 : "Domain user authentication was not successful. Reason code = <error num>"**

When event is generated, message will have the following substitutions:

- <error num> = ""

#### **3.1.25.45 USR8504 : "The IP address specified is out of range."**

#### **3.1.25.46 USR8505 : "Successfully invalidated Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **3.1.25.47 USR8506 : "Successfully closed Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **3.1.25.48 USR8507 : "<Session type> login was not successful (username=<user name>, ip=<IP address>, error=0x<error number>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **3.1.25.49 USR8508 : "<Session type> login was not successful (username=<user name>, ip=<ip address>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **3.1.25.50 USR8509 : "Login was not successful (username=<username>, ip=<ip address>, error=0x<error no>, type=<error type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

#### **3.1.25.51 USR8510 : "Login was successful <description>(username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

**3.1.25.52 USR8511 : "Login was successful <description> from <address> (username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

**3.1.25.53 USR8512 : "<Session type> login was not successful (username=<user name>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

**3.1.25.54 USR8513 : "<username> login from <description> (type=<session type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

## **3.1.26 Subcategory= Virtual Media [MessageID prefix =VME]**

**3.1.26.1 VME0001 : "Virtual Console session started."**

**3.1.26.2 VME0002 : "Virtual Media session started."**

**3.1.26.3 VME0003 : "Virtual Console session fails to start."**

**3.1.26.4 VME0004 : "Virtual Media session fails to start."**

**3.1.26.5 VME0005 : "Virtual Console session exited."**

**3.1.26.6 VME0006 : "Virtual Media session exited."**

**3.1.26.7 VME0007 : "Virtual Console session created."**

**3.1.26.8 VME0008 : "Virtual Media session created."**

## **3.2 Category: Configuration**

### **3.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR]**

**3.2.1.1 BAR001 : "Export System Profile requested."**

**3.2.1.2 BAR002 : "Validating vFlash Backup partition."**

**3.2.1.3 BAR003 : "Preparing vFlash Backup partition."**

**3.2.1.4 BAR004 : "Collecting Hardware Inventory information."**

**3.2.1.5 BAR005 : "Collecting Lifecycle Controller data."**

**3.2.1.6 BAR006 : "Finalizing Backup file."**

**3.2.1.7 BAR007 : "Export System Profile completed."**

**3.2.1.8 BAR008 : "Invalid Backup file passphrase provided."**

**3.2.1.9 BAR009 : "Valid vFlash media not present."**

**3.2.1.10 BAR010 : "Unable to create Backup partition on vFlash media."**

**3.2.1.11 BAR011 : "Unable to collect Hardware Inventory information."**

**3.2.1.12 BAR012 : "Unable to collect Lifecycle Controller data."**

**3.2.1.13 BAR013 : "Host System Shutdown unsuccessful."**

**3.2.1.14 BAR014 : "Backup file or partition access error."**

**3.2.1.15 BAR015 : "Backup file data processing error."**

**3.2.1.16 BAR016 : "Import System Profile requested."**

**3.2.1.17 BAR017 : "Backup file validation requested."**

**3.2.1.18 BAR018 : "Backup file validation completed."**

**3.2.1.19 BAR019 : "Validating Restore operation, allow several minutes for this to complete."**

**3.2.1.20 BAR020 : "Restoring Lifecycle Controller data."**

**3.2.1.21 BAR021 : "Insufficient space on network share."**

**3.2.1.22 BAR022 : "System powering up to perform component updates."**

**3.2.1.23 BAR023 : "Starting component updates."**

**3.2.1.24 BAR024 : "Initializing Restore operation."**

**3.2.1.25 BAR025 : "Restoring Component Firmware."**

**3.2.1.26 BAR026 : "Restoring Component Configuration."**

**3.2.1.27 BAR027 : "Host System Component Restore complete, shutting down Host System."**

**3.2.1.28 BAR028 : "Host System Component Restore completed with errors, shutting down"**

Host System."

**3.2.1.29 BAR029 : "Restoring Integrated Remote Access Controller firmware."**

**3.2.1.30 BAR030 : "Import System Profile Complete, restarting Integrated Remote Access Controller."**

**3.2.1.31 BAR031 : "RESERVED"**

**3.2.1.32 BAR032 : "Invalid system profile Backup file."**

**3.2.1.33 BAR033 : "Unable to Restore Lifecycle Controller data."**

**3.2.1.34 BAR034 : "Unable to Restore Integrated Remote Access Controller firmware."**

**3.2.1.35 BAR035 : "Unable to Restore Integrated Remote Access Controller configuration."**

**3.2.1.36 BAR036 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery initiated."**

**3.2.1.37 BAR037 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery completed."**

**3.2.1.38 BAR038 : "Cancel."**

**3.2.1.39 BAR039 : "License not present."**

**3.2.1.40 BAR040 : "Unable to access vFlash."**

**3.2.1.41 BAR041 : "System Shutdown."**

**3.2.1.42 BAR042 : "Lifecycle Controller Disabled."**

**3.2.1.43 BAR043 : "Timeout waiting for Unified Server Configurator to exit."**

**3.2.1.44 BAR044 : "Waiting for Host System Shutdown to finish."**

**3.2.1.45 BAR045 : "Powering down the Host System for Integrated Remote Access Controller Restore."**

**3.2.1.46 BAR046 : "Host System will power up approximately 10 minutes after Integrated Remote Access Controller Restore (iDRAC)."**

**3.2.1.47 BAR047 : "System Profile operation canceled by user."**

**3.2.1.48 BAR048 : "System Service Tag not present."**

**3.2.1.49 BAR049 : "Automatic Host System power up setup failed."**

**3.2.1.50 BAR050 : "Performing Firmware Restore for Device : <device name>"**

When event is generated, message will have the following substitutions:



- <device name> = "PERC H310 Mini"

#### **3.2.1.51 BAR051 : "Performing Component Configuration Restore for Device : <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "NIC.Slot.1-1-1"

#### **3.2.1.52 BAR052 : "Firmware update cannot be performed for Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **3.2.1.53 BAR053 : "Restoring Firmware on Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **3.2.1.54 BAR054 : "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery unsuccessful."**

#### **3.2.1.55 BAR055 : "Previously stored configuration values not applied to Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **3.2.1.56 BAR056 : "Component Configuration Restored on Device : <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

#### **3.2.1.57 BAR057 : "Some of the configuration values not applied to Device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "PERC H310 Mini"

3.2.1.58 BAR058 : "Validating NFS destination access."

3.2.1.59 BAR059 : "Validating CIFS destination access."

3.2.1.60 BAR060 : "Collecting firmware inventory information."

3.2.1.61 BAR061 : "Collecting System Information."

3.2.1.62 BAR062 : "Collecting Lifecycle Controller Configuration database."

3.2.1.63 BAR063 : "Collecting Lifecycle Controller Firmware images."

3.2.1.64 BAR064 : "Collecting Integrated Remote Access Controller firmware."

3.2.1.65 BAR065 : "Collecting Integrated Remote Access Controller configuration."

3.2.1.66 BAR066 : "vFlash media not enabled."

3.2.1.67 BAR067 : "vFlash media not initialized."

3.2.1.68 BAR068 : "vFlash media not supported."

3.2.1.69 BAR069 : "Insufficient space on vFlash media."

3.2.1.70 BAR070 : "NFS Destination access denied."

3.2.1.71 BAR071 : "CIFS Destination access denied."

3.2.1.72 BAR072 : "Format of vFlash Backup partition unsuccessful."

3.2.1.73 BAR073 : "Delete of vFlash Backup partition unsuccessful."

3.2.1.74 BAR074 : "Unable to collect Firmware Inventory information."

3.2.1.75 BAR075 : "Unable to collect System information."

3.2.1.76 BAR076 : "Unable to collect the Configuration database."

3.2.1.77 BAR077 : "Unable to collect the Firmware images."

3.2.1.78 BAR078 : "Unable to collect the Integrated Remote Access Controller firmware."

3.2.1.79 BAR079 : "Unable to collect the Integrated Remote Access Controller configuration."

3.2.1.80 BAR080 : "Restoring Lifecycle Controller Configuration database."

3.2.1.81 BAR081 : "Restoring Lifecycle Controller Firmware images."

3.2.1.82 BAR082 : "Restoring Remote Access Controller configuration."

3.2.1.83 BAR083 : "Host System Model does not match the Backup file System Model"

information."

3.2.1.84 BAR084 : "Host System Service Tag does not match the Backup file Service Tag."

3.2.1.85 BAR085 : "Unable to collect System Information for Import Backup file validation."

3.2.1.86 BAR086 : "Unable to Restore The Lifecycle Controller Configuration database."

3.2.1.87 BAR087 : "Unable to Restore the Lifecycle Controller Firmware images."

3.2.1.88 BAR088 : "No partitions available on vFlash media."

3.2.1.89 BAR089 : "Lifecycle Controller needs to be updated."

3.2.1.90 BAR090 : "System Profile Backup requested."

3.2.1.91 BAR091 : "System Profile Backup completed."

3.2.1.92 BAR092 : "Disconnect from NFS unsuccessful."

3.2.1.93 BAR093 : "Disconnect from CIFS unsuccessful."

3.2.1.94 BAR094 : "Another Backup operation already in progress."

3.2.1.95 BAR095 : "Another Restore operation already in progress."

3.2.1.96 BAR096 : "BIOS incompatibility detected."

3.2.1.97 BAR097 : "Lifecycle Controller Unified Server Configurator incompatibility detected."

3.2.1.98 BAR098 : "Invalid System Service Tag."

3.2.1.99 BAR099 : "Collecting License data."

3.2.1.100 BAR100 : "Unable to collect License data."

3.2.1.101 BAR101 : "Restoring License data."

3.2.1.102 BAR102 : "Unable to restore license data."

3.2.1.103 BAR103 : "Collecting system branding data."

3.2.1.104 BAR104 : "Unable to collect system branding data."

3.2.1.105 BAR105 : "Restoring system branding data."

3.2.1.106 BAR106 : "Unable to restore system branding data."

3.2.1.107 BAR107 : "vFlash media reader license not present."

3.2.1.108 BAR108 : "License to Export and Import Server Profile not present."

3.2.1.109 BAR109 : "OEMDRV partition is in use."

3.2.1.110 BAR110 : "All existing jobs cancelled because of Import Server Profile request

processing."

**3.2.1.111 BAR111 : "Server Profile operation timed out."**

**3.2.1.112 BAR112 : "The system identifier in the Server Profile file does not match the target system."**

**3.2.1.113 BAR113 : "Unable to create an Automatic Backup job."**

**3.2.1.114 BAR114 : "An Automatic Backup job <job ID> is created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**3.2.1.115 BAR115 : "The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1."**

**3.2.1.116 BAR116 : "Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours."**

**3.2.1.117 BAR117 : "The iDRAC firmware cannot be restored due to hardware compatibility restraints."**

## **3.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS]**

**3.2.2.1 BIOS001 : "The command was successful"**

**3.2.2.2 BIOS002 : "Resource allocation failure."**

**3.2.2.3 BIOS003 : "Missing required parameter. Refer to the inserted comment."**

**3.2.2.4 BIOS004 : "Invalid parameter value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**3.2.2.5 BIOS005 : "Mismatch in AttributeName and AttributeValue count"**

**3.2.2.6 BIOS006 : "Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled"**

**3.2.2.7 BIOS007 : "Configuration job already created, cannot create another configuration job on specified target until existing job is completed or is cancelled"**

**3.2.2.8 BIOS008 : "No pending data present to create a Configuration job"**

**3.2.2.9 BIOS009 : "Lifecycle Controller is currently in use."**

**3.2.2.10 BIOS010 : "Lifecycle Controller is not enabled, cannot create Configuration job."**

**3.2.2.11 BIOS011 : "Configuration job already created, pending data cannot be deleted"**

**3.2.2.12 BIOS012 : "No pending data to delete."**

**3.2.2.13 BIOS013 : "Invalid AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**3.2.2.14 BIOS014 : "Invalid AttributeValue for AttributeName: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**3.2.2.15 BIOS015 : "AttributeValue cannot be changed to read only AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**3.2.2.16 BIOS016 : "AttributeValue cannot be changed for disabled AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "bios attribute name"

**3.2.2.17 BIOS017 : "Unable to delete vFlash pending one-time boot configuration"**

**3.2.2.18 BIOS018 : "Invalid BIOS Password."**

**3.2.2.19 BIOS021 : "Cannot authenticate BIOS password."**

**3.2.2.20 BIOS022 : "Cannot set the BIOS password. Password is disabled due to a jumper setting on the motherboard."**

**3.2.2.21 BIOS023 : "Cannot perform the operation due to an unknown error in iDRAC."**

**3.2.2.22 BIOS024 : "The set operation did not complete successfully as the attribute is read-only."**

**3.2.2.23 BIOS025 : "Unable set the BIOS password as the BIOS password status is locked."**

**3.2.2.24 BIOS026 : "Password status cannot be set to locked when a System Password change is pending."**

**3.2.2.25 BIOS027 : "Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "AttributeName"

**3.2.2.26 BIOS028 :** "Unable to change the BIOS password using plain text because the password is currently being configured using a hash."

**3.2.2.27 BIOS029 :** "Unable to change the BIOS password because an Export Server Profile operation is already running."

**3.2.2.28 BIOS030 :** "Unable to change the BIOS password because an Import Server Profile operation is already running."

**3.2.2.29 BIOS101 :** "Unable to read or change any of the system BIOS configuration settings."

### **3.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT]**

**3.2.3.1 BOOT001 :** "The command was successful."

**3.2.3.2 BOOT002 :** "Resource allocation error"

**3.2.3.3 BOOT003 :** "Method not supported"

**3.2.3.4 BOOT004 :** "Invalid number of Boot Source arguments"

**3.2.3.5 BOOT005 :** "Missing required parameter."

**3.2.3.6 BOOT006 :** "Invalid Boot Source InstanceID"

**3.2.3.7 BOOT007 :** "Boot Source does not belong to specified Boot Configuration"

**3.2.3.8 BOOT008 :** "Source argument contains more devices than are present on the system"

**3.2.3.9 BOOT009 :** "Boot Sources cannot be found for this Boot Configuration"

**3.2.3.10 BOOT010 :** "Could not locate vFlash partition index"

**3.2.3.11 BOOT011 :** "Failed to set vFlash partition for one time boot"

**3.2.3.12 BOOT012 :** "Job started to attach and set vFlash SD card partition for OneTime boot."

**3.2.3.13 BOOT013 :** "Cannot make changes to non-active boot list."

**3.2.3.14 BOOT014 :** "Virtual media not ready."

**3.2.3.15 BOOT015 :** "Set operation successful for the boot partition."

**3.2.3.16 BOOT016 :** "Input source argument value for the boot device is incorrect or not found among the boot devices on the system."

**3.2.3.17 BOOT017 :** "Source argument does not support enable or disable mode."

**3.2.3.18 BOOT018 :** "Specified Boot Control List is read-only"

**3.2.3.19 BOOT8500 :** "Unable to change the BIOS boot order for the Server <slot number>"

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **3.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**3.2.4.1 CMC001 : "The command was successful."**

**3.2.4.2 CMC002 : "General failure."**

**3.2.4.3 CMC003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

**3.2.4.4 CMC004 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.4.5 CMC005 : "Mismatch in AttributeName and AttributeValue count."**

**3.2.4.6 CMC401 : "Changing the Reserved QuickDeploy IP Addresses setting to <number of IP address> may create an issue in the future if higher density server nodes are inserted in to the Chassis (for example, quarter-height servers). Press OK to continue."**

When event is generated, message will have the following substitutions:

- <number of IP address> = ""

**3.2.4.7 CMC8501 : "Chassis Group Leader has synchronized this members configuration."**

**3.2.4.8 CMC8601 : "The Chassis group <group name> is created."**

When event is generated, message will have the following substitutions:

- <group name> = ""

**3.2.4.9 CMC8602 : "The Chassis group <group name> is deleted."**

When event is generated, message will have the following substitutions:

- <group name> = ""



### **3.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH]**

**3.2.5.1 DH001 : "Resource needed to perform the operation is unavailable."**

**3.2.5.2 DH002 : "Internal I/O failure"**

**3.2.5.3 DH003 : "Service tag could not be read"**

**3.2.5.4 DH004 : "iDRAC does not have sufficient free resources to generate keys"**

**3.2.5.5 DH005 : "CA Cert is corrupted, expired, or does not have signing privileges."**

**3.2.5.6 DH006 : "Not the right passphrase for the private key (need to re-write)."**

**3.2.5.7 DH007 : "The password unlocked the private key but it was the wrong private key."**

**3.2.5.8 DH008 : "There was a problem saving the certificate to persistent storage."**

**3.2.5.9 DH009 : "The operation did not complete successfully because of an unexpected internal problem.."**

**3.2.5.10 DH010 : "Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active."**

### **3.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS]**

**3.2.6.1 DIS001 : "Auto Discovery feature not licensed."**

**3.2.6.2 DIS002 : "Auto Discovery feature disabled."**

**3.2.6.3 DIS003 : "Auto Discovery process started."**

**3.2.6.4 DIS004 : "Auto Discovery 24-hour timeout occurred. Stopping Auto Discovery process."**

**3.2.6.5 DIS005 : "Auto Discovery communicated successfully with Provisioning Server <provisioning server name>."**

When event is generated, message will have the following substitutions:

- <provisioning server name> = "Unknown"

**3.2.6.6 DIS006 : "Auto Discovery operation successful. Disabling Auto Discovery feature."**

**3.2.6.7 DIS007 : "Unable to notify Provisioning Server of iDRAC IP address change."**

**3.2.6.8 DIS008 : "Notification of iDRAC IP address changed to <new IP address> from <old IP address> sent to Provisioning Server."**

When event is generated, message will have the following substitutions:

- <new IP address> = "Unknown"
- <old IP address> = "Unknown"

#### **3.2.6.9 DIS009 : "Notification of iDRAC IP address changed to <new IP address> sent to Provisioning Server."**

When event is generated, message will have the following substitutions:

- <new IP address> = "Unknown"

#### **3.2.6.10 DIS010 : "Auto Discovery LCD display message: <progress message>"**

When event is generated, message will have the following substitutions:

- <progress message> = "Unknown"

- 3.2.6.11 DIS011 : "Auto Discovery client using customer signed client certificate."
- 3.2.6.12 DIS012 : "Auto Discovery client using factory signed client certificate."
- 3.2.6.13 DIS013 : "Auto Discovery client using default client certificate."
- 3.2.6.14 DIS014 : "Auto Discovery client using customer provided CA certificate to authenticate Provisioning Server."
- 3.2.6.15 DIS015 : "Auto Discovery client using default CA certificate to authenticate Provisioning Server."
- 3.2.6.16 DIS016 : "Response received from Provisioning Server to the notification of iDRAC IP address change."
- 3.2.6.17 DIS100 : "The AutoConfig operation is successful."
- 3.2.6.18 DIS101 : "The execution of AutoConfig operation is started."
- 3.2.6.19 DIS102 : "Unable to start the AutoConfig import operation, because the AutoConfig import file is not available."
- 3.2.6.20 DIS103 : "The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.21 DIS104 : "The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.22 DIS105 : "The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.23 DIS106 : "Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.24 DIS107 : "Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.25 DIS108 : "Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled."
- 3.2.6.26 DIS109 : "Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC."
- 3.2.6.27 DIS110 : "The AutoConfig operation is completed."

### **3.2.7 Subcategory= Fan Event [MessageID prefix =FAN]**

- 3.2.7.1 FAN900 : "The Enhanced Cooling Mode is successfully enabled."
- 3.2.7.2 FAN901 : "The Enhanced Cooling Mode is successfully disabled."
- 3.2.7.3 FAN902 : "Cannot enable the Enhanced Cooling Mode because sufficient power is

not available."

**3.2.7.4 FAN903 :** "Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis."

**3.2.7.5 FAN904 :** "Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled."

**3.2.7.6 FAN905 :** "Applying fan configuration settings. This may take several seconds."

**3.2.7.7 FAN906 :** "Changes are not made to the current settings."

**3.2.7.8 FAN907 :** "The Enhanced Cooling Mode feature is already enabled."

**3.2.7.9 FAN908 :** "The Enhanced Cooling Mode feature is already disabled."

**3.2.7.10 FAN911 :** "The attempt to enable the Enhanced Cooling Mode was not successful."

### **3.2.8 Subcategory= Fiber Channel [MessageID prefix =FC]**

**3.2.8.1 FC001 :** "The command was successful."

**3.2.8.2 FC002 :** "Unable to allocate memory."

**3.2.8.3 FC003 :** "Missing required parameter."

**3.2.8.4 FC004 :** "Invalid parameter value for <parameter value>"

When event is generated, message will have the following substitutions:

- <parameter value> = "FC attribute name"

**3.2.8.5 FC005 :** "The number of AttributeName array elements does not match the AttributeValue array element count."

**3.2.8.6 FC006 :** "Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled."

**3.2.8.7 FC007 :** "A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled."

**3.2.8.8 FC008 :** "No pending data present to create a Configuration job."

**3.2.8.9 FC009 :** "Lifecycle Controller is currently in use."

**3.2.8.10 FC010 :** "Unable to create Configuration job because Lifecycle Controller is not enabled."

**3.2.8.11 FC011 :** "Configuration job already created, pending data cannot be deleted"

**3.2.8.12 FC012 :** "No pending data to delete."

**3.2.8.13 FC013 :** "Invalid AttributeName: <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**3.2.8.14 FC014 :** "Invalid AttributeValue parameter content for corresponding AttributeName <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**3.2.8.15 FC015 :** "Unable to change read-only attribute <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**3.2.8.16 FC016 :** "Unable to change the attribute value of the disabled attribute <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**3.2.8.17 FC017 :** "Unable to perform the operation due to an internal error in iDRAC."

### **3.2.9 Subcategory= Hardware Config [MessageID prefix =HWC]**

**3.2.9.1 HWC0001 :** "Unable to complete the operation as there is no response from iDRAC."

**3.2.9.2 HWC0002 :** "Unable to detect vFlash SD card."

**3.2.9.3 HWC0003 :** "Successfully initialized vFlash SD card."

**3.2.9.4 HWC0004 :** "Unable to initialize vFlash SD card."

**3.2.9.5 HWC0005 :** "Internal error while retrieving update information."

**3.2.9.6 HWC0006 :** "Unable to save vFlash SD card settings."

**3.2.9.7 HWC0007 :** "Unable to load vFlash SD card settings."

**3.2.9.8 HWC0008 :** "Unable to communicate with iDRAC."

**3.2.9.9 HWC0009 :** "Unable to enable vFlash SD card."

**3.2.9.10 HWC0010 :** "Invalid folder name or USB drive not found."

**3.2.9.11 HWC0011 :** "Insufficient space to copy the file to the USB drive."

**3.2.9.12 HWC0012 :** "Unable to write to the USB drive."

**3.2.9.13 HWC0013 :** "Unable to copy the file to USB drive."

**3.2.9.14 HWC0014 :** "Unable to detect vFlash SD card."

**3.2.9.15 HWC0015 :** "iDRAC not responding."

**3.2.9.16 HWC0016 :** "iDRAC communication failure."

### **3.2.10 Subcategory= IO Identity Optimization [MessageID prefix =I0ID]**

**3.2.10.1 I0ID001 :** "The Input/Output Identity (I/O Identity) optimization feature is enabled."

**3.2.10.2 I0ID002 :** "The Input/Output Identity (I/O Identity) optimization feature is disabled."

**3.2.10.3 I0ID003 :** "The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to <restart type>."

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **3.2.10.4 IOD004 : "Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **3.2.10.5 IOD005 : "Storage Initiator Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **3.2.10.6 IOD006 : "Storage Target Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **3.2.10.7 IOD110 : "The virtual address of NIC <controller> Port <port> is configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **3.2.10.8 IOD111 : "Unable to configure the virtual address of NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **3.2.10.9 IOD112 : "The initiator properties of the NIC <Controller> Port <Port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **3.2.10.10 IOD113 : "Unable to configure the initiator properties of NIC <Controller> Port <Port>."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **3.2.10.11 IOD114 : "The target settings properties of the NIC <controller> Port <port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"

- <port> = " 1"

#### **3.2.10.12 IOD115 : "Unable to configure the target settings properties of the NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"



**3.2.10.13 IOID116 :** "Applying I/O Identity settings based on current persistence policy settings."

**3.2.10.14 IOID117 :** "The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully."

**3.2.10.15 IOID118 :** "Unable to configure some or all I/O Identity settings based on current persistence policy settings."

**3.2.10.16 IOID119 :** "FlexAddress is enabled on all NIC and FC HBA devices."

### **3.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**3.2.11.1 IOV000 :** "Successfully completed the operation."

**3.2.11.2 IOV001 :** "The operation contains an invalid request or argument."

**3.2.11.3 IOV002 :** "Unable to create or allocate the required resources."

**3.2.11.4 IOV003 :** "Unable to manage the device located in the PCIe slot specified in the operation."

**3.2.11.5 IOV004 :** "Unable to turn on PCIe adapter."

**3.2.11.6 IOV005 :** "Chassis Management Controller (CMC) is not ready to run commands."

**3.2.11.7 IOV006 :** "Incorrect Chassis Infrastructure Mainboard firmware version."

**3.2.11.8 IOV007 :** "Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component."

**3.2.11.9 IOV008 :** "Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode."

**3.2.11.10 IOV009 :** "Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings."

**3.2.11.11 IOV010 :** "Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server."

**3.2.11.12 IOV011 :** "Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off."

**3.2.11.13 IOV012 :** "Unable to assign a virtual adapter (VA) to a non-default server because a license is required."

**3.2.11.14 IOV013 :** "Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA."

**3.2.11.15 IOV101 :** "A PCIe adapter <device name> is inserted in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.2.11.16 IOV102 : "A PCIe adapter <device name> is removed from <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.2.11.17 IOV103 : "A PCIe adapter <device name> in <slot type><slot number> is replaced by PCIe adapter <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.2.11.18 IOV114 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> assigned to server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**3.2.11.19 IOV115 : "Unable to allocate <number of watts> WATTS for discovery of PCIE adapters."**

When event is generated, message will have the following substitutions:

- <number of watts> = ""

**3.2.11.20 IOV117 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> was unassigned/unmapped from server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**3.2.11.21 IOV119 : "PCIe ride-through mode is disabled."**

**3.2.11.22 IOV120 : "PCIe ride-through mode is enabled."**

**3.2.11.23 IOV121 : "PCIe ride-through time out has changed from <seconds> to <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <seconds> = ""

**3.2.11.24 IOV122 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> is mapped/assigned to extension of server slot <server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**3.2.11.25 IOV123 : "<PCIE Slot" or "PERC VA"> <slot number or VA number> is unassigned/unmapped from extended server slot <server number>."**

When event is generated, message will have the following substitutions:

- "<PCIE Slot" or "PERC VA"> = ""

**3.2.11.26 IOV1001 : "The requested operation was successfully executed."**

**3.2.11.27 IOV1002 : "The operation was not successful."**

**3.2.11.28 IOV1003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "Param1"

**3.2.11.29 IOV1004 : "Too many slots provided as parameters to Assign and UnAssign Servers methods."**

**3.2.11.30 IOV1005 : "Invalid slot FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**3.2.11.31 IOV1006 : "Invalid PCI slot or Server slot."**

**3.2.11.32 IOV1007 : "Unable to assign a PCIe slot."**

**3.2.11.33 IOV1008 : "Invalid Virtual Adapter FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**3.2.11.34 IOV1009 : "Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count."**

**3.2.11.35 IOV2001 : "A PCIe card carrier containing a PCIe card is inserted in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.2.11.36 IOV2002 : "A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.2.11.37 IOV2003 : "A PCIe card carrier is removed from the PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **3.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA]**

#### **3.2.12.1 IPA0100 : "The iDRAC IP Address changed from <old IP Address> to <new IP Address>."**

When event is generated, message will have the following substitutions:

- <old IP Address> = "192.168.1.100"
- <new IP Address> = "192.168.2.100"

### **3.2.13 Subcategory= Job Control [MessageID prefix =JCP]**

#### **3.2.13.1 JCP001 : "Task successfully scheduled."**

#### **3.2.13.2 JCP002 : "Unable to schedule the job."**

#### **3.2.13.3 JCP003 : "Job failed."**

#### **3.2.13.4 JCP004 : "Time elapsed - Job Failed."**

#### **3.2.13.5 JCP005 : "System services cancelled - Job Failed"**

#### **3.2.13.6 JCP006 : "Invalid job attribute."**

#### **3.2.13.7 JCP007 : "Job successfully completed."**

#### **3.2.13.8 JCP008 : "Job completed with errors."**

#### **3.2.13.9 JCP009 : "Scheduled job was cancelled."**

#### **3.2.13.10 JCP010 : "The command was successful."**

#### **3.2.13.11 JCP011 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

#### **3.2.13.12 JCP012 : "The operation failed due to an internal iDRAC error."**

#### **3.2.13.13 JCP013 : "Missing parameter(s) <parameters>"**

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

**3.2.13.14 JCP014 : "Maximum jobs per queue exceeded."**

**3.2.13.15 JCP015 : "A running job cannot be deleted."**

**3.2.13.16 JCP016 : "Invalid UntilTime value. A minimum of 12 minutes is required."**

**3.2.13.17 JCP017 : "Job creation request unsuccessful. Maximum number of jobs reached."**

**3.2.13.18 JCP018 : "Cannot create new jobs until the existing Export job is completed or the job is cancelled."**

**3.2.13.19 JCP019 : "Cannot create new jobs until the existing Import System Profile job is completed or cancelled."**

**3.2.13.20 JCP020 : "Cannot schedule jobs while export or import operations are running."**

**3.2.13.21 JCP021 : "The operation failed due to an internal iDRAC error."**

**3.2.13.22 JCP022 : "Invalid Job ID <jobid number> for scheduling or deletion operation."**

When event is generated, message will have the following substitutions:

- <jobid number> = "JID\_43252342"

**3.2.13.23 JCP032 : "Unable to create a job because conflicting options are entered."**

**3.2.13.24 JCP023 : "Duplicate Job ID <jobid number>."**

When event is generated, message will have the following substitutions:

- <jobid number> = "JID\_4123141"

**3.2.13.25 JCP024 :** "Lifecycle Controller is in use. This job starts when Lifecycle Controller is available."

**3.2.13.26 JCP025 :** "Lifecycle Controller is not enabled."

**3.2.13.27 JCP026 :** "Update packages are being downloaded. This job resumes when the downloads are completed."

**3.2.13.28 JCP027 :** "Job created successfully."

**3.2.13.29 JCP028 :** "Job status updated."

**3.2.13.30 JCP030 :** "Unable to schedule jobs while an iDRAC firmware update or configuration job is running."

**3.2.13.31 JCP031 :** "Unable to delete the job because the configuration is still being committed."

### **3.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC]**

**3.2.14.1 LC001 :** "Command successful."

**3.2.14.2 LC002 :** "General failure."

**3.2.14.3 LC003 :** "Failed to change the firmware update mode."

**3.2.14.4 LC004 :** "Provisioning Server information is not formatted correctly."

**3.2.14.5 LC005 :** "Invalid firmware update mode."

**3.2.14.6 LC006 :** "Invalid Auto-Discovery action."

**3.2.14.7 LC007 :** "Invalid Parameter."

**3.2.14.8 LC008 :** "Unsupported method parameter value."

**3.2.14.9 LC009 :** "Insufficient method parameters."

**3.2.14.10 LC010 :** "Certificate imported successfully."

**3.2.14.11 LC011 :** "Certificate import operation failed."

**3.2.14.12 LC012 :** "Another process is using Lifecycle Controller."

**3.2.14.13 LC013 :** "A configuration job cannot be created because there are no pending values to change."

**3.2.14.14 LC014 :** "Maximum comment length is 255 characters."

**3.2.14.15 LC015 :** "Invalid Part Configuration Update"

**3.2.14.16 LC016 :** "Missing required parameter, <parameter>."

430

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.14.17 LC017 : "Invalid value for the parameter, <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

3.2.14.18 LC018 : "Server certificate successfully modified. iDRAC will now restart and be unavailable during restart."

3.2.14.19 LC019 : "Base64 decode of PKCS12 content was not successful."

3.2.14.20 LC020 : "PKCS12 decrypt of the certificate could not complete."

3.2.14.21 LC021 : "PKCS12 decrypt of private key could not complete."

3.2.14.22 LC022 : "Lifecycle Controller Log Export was successful."

3.2.14.23 LC023 : "Cannot access network share."

3.2.14.24 LC024 : "Unable to retrieve Lifecycle Controller Log records."

3.2.14.25 LC025 : "Insufficient space on network share."

3.2.14.26 LC026 : "Lifecycle Controller Log Export method is not supported."

3.2.14.27 LC027 : "The Hardware Inventory file export was successful."

3.2.14.28 LC028 : "Unable to retrieve Hardware Inventory information."

3.2.14.29 LC029 : "Invalid file path specified."

3.2.14.30 LC030 : "The file path is to a read-only file system."

3.2.14.31 LC031 : "Internal error occurred while exporting inventory."

3.2.14.32 LC032 : "The Hardware Inventory Export method not supported."

3.2.14.33 LC033 : "As-Shipped Hardware Inventory export was successful."

3.2.14.34 LC034 : "Unable to retrieve As-Shipped Hardware Inventory from the system."

3.2.14.35 LC035 : "As-Shipped Hardware Inventory Export method is not supported."

3.2.14.36 LC036 : "Lifecycle Controller is not enabled."

3.2.14.37 LC037 : "An instance of Lifecycle Controller Log Export is already running."

3.2.14.38 LC038 : "An instance of Hardware Inventory export is already in progress."

3.2.14.39 LC039 : "An instance of As-Shipped Inventory export is already in progress."

3.2.14.40 LC040 : "Memory resource allocation failure."

3.2.14.41 LC041 : "Console name configure failed"

3.2.14.42 LC042 : "Configure Console name in FlexAddr mode"

3.2.14.43 LC044 : "An instance of Lifecycle Controller system configuration wipe is already



running."

**3.2.14.44 LC045 :** "An instance of CreateConfigJob is already running."

**3.2.14.45 LC046 :** "An instance of DownloadServerPublicKey is already running."

**3.2.14.46 LC047 :** "An instance of DownloadClientCerts is already running."

**3.2.14.47 LC048 :** "Invalid input value for IPChangeNotifyPS."

**3.2.14.48 LC049 :** "Invalid value for VirtualAddressManagement."

**3.2.14.49 LC050 :** "Invalid value for SystemServicesState."

**3.2.14.50 LC051 :** "Cannot create multiple Server Profile Export jobs."

**3.2.14.51 LC052 :** "Cannot create multiple Server Profile Import jobs."

**3.2.14.52 LC053 :** "Lifecycle Controller Remote Services is currently unavailable."

**3.2.14.53 LC054 :** "Unable to write to the network share."

**3.2.14.54 LC055 :** "The operation did not complete successfully because of an invalid attribute array."

**3.2.14.55 LC056 :** "AttributeName and AttributeValue count mismatch."

**3.2.14.56 LC057 :** "Invalid AttributeName parameter value."

**3.2.14.57 LC058 :** "Invalid AttributeValue parameter value for corresponding AttributeName value, <AttributeName>."

When event is generated, message will have the following substitutions:

- <AttributeName> = "AttributeName"

**3.2.14.58 LC059 :** "Cannot set read only attribute specified in AttributeName <parameter>."

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.14.59 LC060 : "Lifecycle controller is currently not ready to take provisioning requests"**

**3.2.14.60 LC061 : "Lifecycle controller is ready to take provisioning requests"**

**3.2.14.61 LC062 : "Export or Import server profile operation is already running."**

**3.2.14.62 LC063 : "Cannot create new jobs until the existing running jobs are completed or deleted."**

**3.2.14.63 LC064 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

**3.2.14.64 LC065 : "The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is <attribute key>."**

When event is generated, message will have the following substitutions:

- <attribute key> = "attribute key"

**3.2.14.65 LC066 :** "The Export Certificate operation is currently running."

**3.2.14.66 LC067 :** "Successfully exported SSL Certificate."

**3.2.14.67 LC068 :** "Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress."

**3.2.14.68 LC069 :** "Certificate does not exist."

**3.2.14.69 LC070 :** "Unable to find the configuration XML import file."

**3.2.14.70 LC071 :** "The Lifecycle Controller version does not support the export or import of the Server Configuration XML file."

**3.2.14.71 LC072 :** "An SSL Certificate is successfully generated."

**3.2.14.72 LC073 :** "Unable to generate an SSL Certificate because one or more mandatory security attributes are invalid."

**3.2.14.73 LC074 :** "The Certificate export operation did not complete successfully."

**3.2.14.74 LC075 :** "The Custom Signed Certificate (CSC) is deleted successfully. iDRAC will now restart and be unavailable during restart"

**3.2.14.75 LC076 :** "Unable to perform the Custom Signed Certificate (CSC) certificate delete operation."

**3.2.14.76 LC077 :** "Certificate imported successfully. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active"

**3.2.14.77 LC0100 :** "Lifecycle Controller has entered Recovery mode."

**3.2.14.78 LC0101 :** "Lifecycle Controller action was cancelled by a user."

### **3.2.15 Subcategory= Licensing [MessageID prefix =LIC]**

**3.2.15.1 LIC900 :** "The command was successful."

**3.2.15.2 LIC901 :** "Invalid parameter value for <parameter>."

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.15.3 LIC902 :** "Resource allocation failure."

**3.2.15.4 LIC903 :** "Missing parameters <parameters>."

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

**3.2.15.5 LIC904 : "Could not connect to network share."**

**3.2.15.6 LIC905 : "The LicenseName value cannot exceed 64 characters."**

**3.2.15.7 LIC906 : "License file is not accessible on the network share."**

**3.2.15.8 LIC907 : "Unable to perform the operation due to an unknown error in iDRAC."**

### **3.2.16 Subcategory= Log event [MessageID prefix =LOG]**

**3.2.16.1 LOG001 : "Missing required InstanceID or JobID parameter."**

**3.2.16.2 LOG002 : "Invalid parameter value for InstanceID."**

**3.2.16.3 LOG003 : "ConfigResults not available for log entry specified."**

**3.2.16.4 LOG004 : "Resource allocation failure."**

**3.2.16.5 LOG005 : "Cannot perform the operation due to an unknown error in iDRAC."**

**3.2.16.6 LOG201 : "Recovered from Lifecycle Controller Log corruption."**

**3.2.16.7 LOG202 : "Recovered from Lifecycle Controller Log comments file corruption."**

**3.2.16.8 LOG204 : "Lifecycle Log archive operation did not complete."**

**3.2.16.9 LOG300 : "The system recovered from Chassis Log file corruption."**

**3.2.16.10 LOG302 : "The Chassis Log file header is corrupted."**

**3.2.16.11 LOG303 : "Unable to archive the Chassis Log file."**

**3.2.16.12 LOG305 : "The Chassis Log file was cleared."**

**3.2.16.13 LOG501 : "General failure."**

**3.2.16.14 LOG502 : "Missing required parameter <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.16.15 LOG503 : "Invalid value for the parameter, <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.16.16 LOG504 : "Chassis Log Export was successful."**

**3.2.16.17 LOG505 : "Cannot access network share."**

**3.2.16.18 LOG506 : "An instance of ExportChassisLog is already running."**

**3.2.16.19 LOG507 : "Resource allocation failure."**

**3.2.16.20 LOG508 : "Unable to write to the network share."**

**3.2.16.21 LOG509 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

**3.2.16.22 LOG510 : "Unable to perform the operation due to an unknown error in CMC."**

### **3.2.17 Subcategory= NIC Config [MessageID prefix =NIC]**

**3.2.17.1 NIC001 : "The command was successful."**

**3.2.17.2 NIC002 : "Resource allocation failure"**

**3.2.17.3 NIC003 : "Missing required parameter"**

**3.2.17.4 NIC004 : "Invalid parameter value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**3.2.17.5 NIC005 : "Mismatch in AttributeName and AttributeValue count"**

**3.2.17.6 NIC006 : "A configuration job already exists, Cannot set attribute on specified target until existing job is completed or is cancelled"**

**3.2.17.7 NIC007 : "A configuration job already exists, Cannot create another configuration job on specified target until existing job is completed or is cancelled"**

**3.2.17.8 NIC008 : "No pending data present to create a Configuration job"**

**3.2.17.9 NIC009 : "Lifecycle Controller is currently in use."**

**3.2.17.10 NIC010 : "Lifecycle Controller is not enabled, cannot create Configuration job."**

**3.2.17.11 NIC011 : "Configuration job already created, pending data cannot be deleted"**

**3.2.17.12 NIC012 : "No pending data to delete."**

**3.2.17.13 NIC013 : "Invalid AttributeName: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**3.2.17.14 NIC014 : "Invalid AttributeValue for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**3.2.17.15 NIC015 : "AttributeValue cannot be changed to read only AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

**3.2.17.16 NIC016 : "AttributeValue cannot be changed for disabled AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "nic attribute name"

3.2.17.17 NIC017 : "Unable to delete vFlash pending one-time boot configuration"

3.2.17.18 NIC018 : "Invalid BIOS password."

3.2.17.19 NIC021 : "Cannot authenticate specified BIOS password."

3.2.17.20 NIC022 : "Unable to set the BIOS password because of a jumper setting on the motherboard."

3.2.17.21 NIC023 : "Cannot perform the operation due to an unknown error in iDRAC."

3.2.17.22 NIC024 : "The set operation did not complete successfully as the attribute is read-only."

### 3.2.18 Subcategory= OS Deployment [MessageID prefix =OSD]

3.2.18.1 OSD1 : "The command was successful."

3.2.18.2 OSD2 : "General failure."

3.2.18.3 OSD3 : "Lifecycle Controller is being used by another process."

3.2.18.4 OSD4 : "Cannot access Lifecycle Controller Driver Pack partition."

3.2.18.5 OSD5 : "Lifecycle Controller Driver Pack not found."

3.2.18.6 OSD6 : "Cannot allocate memory."

3.2.18.7 OSD7 : "Unable to retrieve Lifecycle Controller handle."

3.2.18.8 OSD8 : "Setting Boot to PXE through IPMI failed."

3.2.18.9 OSD9 : "Failed to reboot the system using an IPMI command."

3.2.18.10 OSD10 : "Installation not supported for the selected operating system."

3.2.18.11 OSD11 : "Driver Pack does not have drivers for the selected operating system."

3.2.18.12 OSD12 : "Cannot create the USB device needed to copy drivers for the selected operating system."

3.2.18.13 OSD13 : "Cannot mount the USB device needed to copy drivers for the selected operating system."

3.2.18.14 OSD14 : "Unable to expose the USB device that contains the operating system drivers to host system."

3.2.18.15 OSD15 : "Mount network share failed - incorrect username or password."

3.2.18.16 OSD16 : "Mount network share failed - incorrect IP address or share name."

3.2.18.17 OSD17 : "Exposing ISO image as internal device to the server failed."

3.2.18.18 OSD18 : "Unable to locate the ISO image on the network share point."

3.2.18.19 OSD19 : "The fork() command for a child process to perform the task failed."

3.2.18.20 OSD20 : "Unable to get size or label from Driver Pack for selected operating

system."

3.2.18.21 OSD21 : "Unable to boot to ISO image."

3.2.18.22 OSD22 : "Unable to detach ISO image from the host."

3.2.18.23 OSD23 : "Unable to continue with DetachISOImage - another command is in the process of exposing the ISO Image and booting to it."

3.2.18.24 OSD24 : "Unable to continue with DetachDrivers - UnPackAndAttach is in progress."

3.2.18.25 OSD25 : "Unable to detach USB device containing operating system drivers."

3.2.18.26 OSD26 : "Unable to continue with BootToPXE - another command is running."

3.2.18.27 OSD27 : "Copying drivers for selected operating system failed."

3.2.18.28 OSD28 : "Hash verification on the ISO image failed."

3.2.18.29 OSD29 : "Driver Pack configuration file not found in Lifecycle Controller. The Driver Pack might be corrupt."

3.2.18.30 OSD30 : "Invalid value for ExposeDuration - must be 60 - 65535 seconds"

3.2.18.31 OSD31 : "Copying operating system drivers to network share failed"

3.2.18.32 OSD32 : "Unable to detach ISO image from the system."

3.2.18.33 OSD33 : "Installed BIOS version does not support this method."

3.2.18.34 OSD34 : "Unable to continue with BootToPXE - ISO image is attached to the system."

3.2.18.35 OSD35 : "Lifecycle Controller is not enabled."

3.2.18.36 OSD36 : "Boot to ISO Image has been cancelled by using CTRL+E option on the server."

3.2.18.37 OSD37 : "ISO image size too large."

3.2.18.38 OSD38 : "Copying the ISO image from the network failed."

3.2.18.39 OSD39 : "Unable to find the VFlash."

3.2.18.40 OSD40 : "VFlash is not Dell licensed."

3.2.18.41 OSD41 : "ISO Image not found on VFlash."

3.2.18.42 OSD42 : "Downloading ISO File to VFlash failed."

3.2.18.43 OSD43 : "VFlash unavailable."

440

3.2.18.44 OSD44 : "Unable to detach ISO image on VFlash."

3.2.18.45 OSD45 : "Cannot delete ISO image from VFlash."

3.2.18.46 OSD46 : "VFlash in use."



and is in progress."

**3.2.18.63 OSD063 :** "The process of installing an operating system or hypervisor is successfully completed."

**3.2.18.64 OSD064 :** "The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure."

**3.2.18.65 OSD065 :** "Operating System/Hypervisor Installation did not complete successfully."

### **3.2.19 Subcategory= PCI Device [MessageID prefix =PCI]**

**3.2.19.1 PCI5001 :** "A PCIe card carrier containing a PCIe card is inserted in PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.2.19.2 PCI5002 :** "A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.2.19.3 PCI5003 :** "A PCIe card carrier is removed from the PCIe slot<slot number> ."

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **3.2.20 Subcategory= Part Exchange [MessageID prefix =PR]**

**3.2.20.1 PR1 :** "A replacement part was detected for device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.2 PR2 :** "Configuration difference detected for device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.3 PR3 :** "Newer version of firmware found on device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.4 PR4 :** "Older version of firmware found on device: <device name>"

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.5 PR5 : "The configuration values stored for the previous device could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.6 PR6 : "Configuration changes successfully applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.7 PR7 : "New device detected: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.8 PR8 : "Device not detected: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.9 PR9 : "Firmware update operation initiated."**

**3.2.20.10 PR10 : "Firmware update will not be performed. Firmware package is not present for <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.11 PR11 : "A required license for the Part Replacement feature is not present, replacement action(s) will not be performed."**

**3.2.20.12 PR12 : "Firmware update setting allows version upgrade only and will not be performed."**

**3.2.20.13 PR13 : "Firmware mismatch detected. Configuration changes not applied."**

**3.2.20.14 PR14 : "The configuration could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.15 PR15 : "Unable to verify configuration changes for device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.16 PR16 : "Some of the configuration values could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.17 PR17 : "Some of the configuration values stored for the previous device could not be applied to device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.18 PR18 : "Firmware version difference detected for device: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"

**3.2.20.19 PR19 : "Job completed successfully."**

**3.2.20.20 PR20 : "Job in progress."**

**3.2.20.21 PR21 : "Job failed."**

**3.2.20.22 PR22 : "Preparing new job."**

**3.2.20.23 PR23 : "Job is ready for execution."**

**3.2.20.24 PR24 : "Job cancelled."**

**3.2.20.25 PR25 : "Missing or corrupt configuration database."**

**3.2.20.26 PR26 : "Missing or corrupt job information."**

**3.2.20.27 PR27 : "Unable to allocate resources."**

**3.2.20.28 PR28 : "Unable to locate device in current configuration."**

**3.2.20.29 PR29 : "Unable to locate device in previous configuration."**

**3.2.20.30 PR30 : "Job processing initialization failure."**

**3.2.20.31 PR31 : "Job completed with errors."**

**3.2.20.32 PR32 : "Failed verification of configuration changes."**

**3.2.20.33 PR33 : "Motherboard replacement detected."**

**3.2.20.34 PR34 : "<job ID> failed after exceeding retry attempt limit."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_432156780987"

### **3.2.20.35 PR35 : "Power Supply slot <PS slot number> firmware update will be performed during next system reboot."**

When event is generated, message will have the following substitutions:

- <PS slot number> = "1"

### **3.2.20.36 PR36 : "Version change detected for <device name> firmware. Previous version:<previous version>, Current version:<current version>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"
- <previous version> = " previous version"
- <current version> = " current version"

## **3.2.21 Subcategory= Power Usage [MessageID prefix =PWR]**

### **3.2.21.1 PWR8601 : "Multinode sled power button disabled"**

### **3.2.21.2 PWR8602 : "Multinode sled power button enabled"**

### **3.2.21.3 PWR8664 : "The Dynamic Power Supply Engagement feature is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

### **3.2.21.4 PWR8665 : "Chassis power button is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

## **3.2.22 Subcategory= RAC Event [MessageID prefix =RAC]**

### **3.2.22.1 RAC001 : "The command was successful."**

### **3.2.22.2 RAC002 : "General failure."**

### **3.2.22.3 RAC003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

### **3.2.22.4 RAC004 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**3.2.22.5 RAC005 : "Mismatch in AttributeName and AttributeValue count."**

**3.2.22.6 RAC006 : "AttributeValue cannot be changed for ReadOnly Attribute Name"**

**3.2.22.7 RAC007 : "Input out of Range"**

**3.2.22.8 RAC008 : "Invalid boolean Value"**

**3.2.22.9 RAC009 : "String exceeds maximum length."**

**3.2.22.10 RAC010 : "Invalid character value."**

**3.2.22.11 RAC011 : "Job already exists, cannot process more set operations."**

**3.2.22.12 RAC012 : "User is not authorized to perform this operation."**

**3.2.22.13 RAC013 : "Invalid FQDD."**

**3.2.22.14 RAC014 : "Invalid Attribute was entered."**

**3.2.22.15 RAC015 : "Not one of the Possible Values for AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.22.16 RAC016 :** "Invalid AttributeName."

**3.2.22.17 RAC017 :** "Job created to apply the attribute value."

**3.2.22.18 RAC018 :** "Job completed with Errors."

**3.2.22.19 RAC019 :** "Job did not complete successfully."

**3.2.22.20 RAC020 :** "Completed"

**3.2.22.21 RAC021 :** "Unable to set static values for IPAddress Net mask or Gateway because DHCP is Enabled."

**3.2.22.22 RAC022 :** "Unable to set values for User Password, IPMILan, IPMISerial or User Admin Privilege because the User Name is not configured."

**3.2.22.23 RAC023 :** "Unable to enable the User or set values for IPMILan, IPMISerial, or User Admin Privilege because the User Password is not configured."

**3.2.22.24 RAC024 :** "Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled."

**3.2.22.25 RAC025 :** "Unable to set values for DNS1 or DNS2 attributes because DNS from DHCP is Enabled."

**3.2.22.26 RAC026 :** "Unable to set DNS Domain Name because "Domain Name From DHCP" is Enabled."

**3.2.22.27 RAC027 :** "Unable to set values for Speed or Duplex because Auto Negotiation is Enabled."

**3.2.22.28 RAC028 :** "Unable to Enable "DNS Domain Name From DHCP" or "DNS From DHCP" because DHCP is Disabled."

**3.2.22.29 RAC029 :** "Required dependency not found in input."

**3.2.22.30 RAC030 :** "The Required attribute that this Attribute is dependent on has an incorrect value."

**3.2.22.31 RAC031 :** "Invalid value specified for the User name."

**3.2.22.32 RAC032 :** "Invalid value specified for DNS RAC name."

**3.2.22.33 RAC033 :** "Unable to enable attribute because IPv4 is Disabled."

**3.2.22.34 RAC034 :** "Unable to create a job because the job queue is full."

**3.2.22.35 RAC035 :** "No pending configurations."

**3.2.22.36 RAC036 :** "Attribute dependency failed."

**3.2.22.37 RAC037 :** "No pending configurations to delete."

**3.2.22.38 RAC038 :** "Unable to perform the operation due to an unknown error in iDRAC."

**3.2.22.39 RAC039 :** "Invalid parameter value for <parameter>."

- <parameter> = "parameter"

#### **3.2.22.40 RAC040 : "Missing parameters <parameters>."**

When event is generated, message will have the following substitutions:

- <parameters> = "parameters"

#### **3.2.22.41 RAC041 : "The set operation on the event filters failed."**

#### **3.2.22.42 RAC042 : "Invalid number of input parameters."**

#### **3.2.22.43 RAC043 : "Unable to update some event filter settings."**

#### **3.2.22.44 RAC044 : "Unable to update some event filter settings."**

#### **3.2.22.45 RAC045 : "Event filter does not exist for input parameter combination."**

#### **3.2.22.46 RAC046 : "Unsupported event notification for the event filter specified."**

#### **3.2.22.47 RAC047 : "Unsupported event action for the specified event filter."**

#### **3.2.22.48 RAC048 : "The operation was successful."**

#### **3.2.22.49 RAC049 : "Resource allocation failure."**

#### **3.2.22.50 RAC050 : "Invalid country code."**

#### **3.2.22.51 RAC051 : "Unsupported parameter name <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

#### **3.2.22.52 RAC052 : "Unable to create a configuration job because an existing configuration job is already in progress."**

#### **3.2.22.53 RAC053 : "OS to iDRAC pass-through is disabled."**

#### **3.2.22.54 RAC054 : "User account attributes cannot be reset to default values due to an internal error."**

#### **3.2.22.55 RAC055 : "User name cannot be cleared because the user account is enabled in the input configuration XML file."**

#### **3.2.22.56 RAC056 : "Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**3.2.22.57 RAC057 : "Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**3.2.22.58 RAC058 : "AttributeValue is not unique for AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.22.59 RAC059 : "Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled."**

**3.2.22.60 RAC060 : "Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"

**3.2.22.61 RAC061 : "Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.."**

**3.2.22.62 RAC062 : "Unable to set the WatchdogResetTime because the IPMI Watchdog state is disabled."**

**3.2.22.63 RAC063 : "The string length of the provided value for <attribute name> is inappropriate."**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"



3.2.22.64 RAC064 : "iDRAC was successfully reset."

3.2.22.65 RAC065 : "iDRAC reset operation was not successful."

3.2.22.66 RAC066 : "iDRAC is successfully reset to factory-default properties."

3.2.22.67 RAC067 : "iDRAC reset to factory defaults operation was not successful."

3.2.22.68 RAC068 : "SHA256Password and Plain Password cannot be imported together."

3.2.22.69 RAC069 : "String Less than Min Supported Length"

3.2.22.70 RAC070 : "The SSL Web-Server certificate was successfully restored to factory defaults."

3.2.22.71 RAC071 : "Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress."

3.2.22.72 RAC072 : "Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress."

3.2.22.73 RAC073 : "Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress."

3.2.22.74 RAC074 : "Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress."

3.2.22.75 RAC0600 : "Unable to retrieve the temperature information."

3.2.22.76 RAC0601 : "Unable to retrieve alert recurrence information."

3.2.22.77 RAC0602 : "Invalid value for alert recurrence."

3.2.22.78 RAC0603 : "Updating Job Queue. Status of the update jobs can be viewed and managed within the Job Queue page."

3.2.22.79 RAC0604 : "System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled."

3.2.22.80 RAC0605 : "There are no jobs to be displayed."

3.2.22.81 RAC0606 : "The network connection test operation was successful."

3.2.22.82 RAC0607 : "Unable to perform OS to iDRAC Pass-Through with the current system configuration."

3.2.22.83 RAC0608 : "The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed."

3.2.22.84 RAC0609 : "The job <import or export job ID> has been successfully added to the

**job queue."**

When event is generated, message will have the following substitutions:

- <import or export job ID> = "123456789"

**3.2.22.85 RAC0610 : "The passphrase and confirm passphrase values entered do not match."**

**3.2.22.86 RAC0612 : "Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?"**

**3.2.22.87 RAC0613 : "The uploaded file is invalid."**

**3.2.22.88 RAC0614 : "Incorrect password for PKCS#12 file."**

**3.2.22.89 RAC0615 : "Invalid PKCS#12 file."**

**3.2.22.90 RAC0616 : "Error while extracting custom signing certificate and private key from the PKCS#12 file."**

**3.2.22.91 RAC0617 : "An error was encountered while generating new SSL Certificate."**

**3.2.22.92 RAC0618 : "Incorrect data entered."**

**3.2.22.93 RAC0619 : "The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed."**

**3.2.22.94 RAC0620 : "Lifecycle Controller is unable to delete the selected jobs."**

**3.2.22.95 RAC0621 : "Successfully completed the iDRAC firmware update. All current user sessions will be closed."**

**3.2.22.96 RAC0622 : "An invalid certificate file is uploaded."**

**3.2.22.97 RAC0654 : "No operations can be performed on the iDRAC Service Module."**

**3.2.22.98 RAC0655 : "The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system."**

**3.2.22.99 RAC0656 : "Are you sure you want to disable the iDRAC Service Module on the server operating system?"**

**3.2.22.100 RAC0659 : "Unable to perform the storage configuration operation(s) on <adapter name> because a job is currently pending or is running on the adapter."**

When event is generated, message will have the following substitutions:

- <adapter name> = "None"

3.2.22.101 RAC0661 : "Storage configuration operation - #(operation) is pending on the selected #{devicetype} : #{devicename}."

3.2.22.102 RAC0901 : "Invalid syntax. The -t option value must set to 1."

3.2.22.103 RAC0902 : "The -f option requires -d to also be specified."

3.2.22.104 RAC0903 : "The -d option cannot be used with any other options."

3.2.22.105 RAC0904 : "The remote file location is not accessible or reachable."

3.2.22.106 RAC0905 : "Failed to get the USC version details."

3.2.22.107 RAC0906 : "Operation failed."

3.2.22.108 RAC0907 : "System ID LED blink on."

3.2.22.109 RAC0908 : "System ID LED blink off."

3.2.22.110 RAC0909 : "Invalid subcommand syntax: Specify the object name."

3.2.22.111 RAC0910 : "Invalid subcommand syntax: Specify group and object name."

3.2.22.112 RAC0911 : "Data about version details is unavailable."

3.2.22.113 RAC0912 : "Unable to connect to RAC at specified IP address."

3.2.22.114 RAC913 : "Unable to login to RAC using the specified address"

3.2.22.115 RAC914 : "Value specified is invalid: Must be 0 (Off) or 1 (On)."

3.2.22.116 RAC915 : "Unable to change auto-negotiation property for the NIC."

3.2.22.117 RAC916 : "Value given exceeds the maximum threshold value."

3.2.22.118 RAC917 : "The syntax of the specified command is not correct."

3.2.22.119 RAC919 : "Copy to remote share unsuccessful. Remote share might be write protected."

3.2.22.120 RAC920 : "This interface does not support the specified option."

3.2.22.121 RAC921 : "The temperature history can be exported in XML or CSV format only."

3.2.22.122 RAC922 : "Specified path is too long."

3.2.22.123 RAC923 : "The file path is too long."

3.2.22.124 RAC924 : "Inlet temperature history exported successfully."

3.2.22.125 RAC925 : "Recurrence interval is not applicable for this subcategory."

3.2.22.126 RAC926 : "The recurrence interval needs to be an integer from 0 to 365."

3.2.22.127 RAC927 : "Recurrence value modified successfully."

3.2.22.128 RAC928 : "Unable to modify the recurrence value."

3.2.22.129 RAC929 : "Invalid category or subcategory specified."

**invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

**3.2.22.133 RAC938 : "Successfully initiated configuration XML file export operation invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

3.2.22.134 RAC939 : "Unable to start the system configuration profile export or import operation."

3.2.22.135 RAC940 : "Unable to start the system configuration profile export or import operation."

3.2.22.136 RAC941 : "Successfully initiated the export operation. This operation may take several minutes to complete."

3.2.22.137 RAC942 : "Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied."

3.2.22.138 RAC943 : "Warning: Collect System Inventory On Restart (CSIOR) feature is disabled."

3.2.22.139 RAC944 : "Unable to create the configuration job."

3.2.22.140 RAC945 : "Invalid object value specified."

3.2.22.141 RAC946 : "Unable to set the NIC to Auto Dedicated NIC mode."

3.2.22.142 RAC947 : "Invalid object value specified."

3.2.22.143 RAC948 : "Unable to send the notification for the specified event to the configured destination."

3.2.22.144 RAC949 : "Successfully added a work note to the Lifecycle Log."

3.2.22.145 RAC950 : "Unable to add the work note to the Lifecycle Log."

3.2.22.146 RAC951 : "The number of characters entered for the work note exceeds the supported limit."

3.2.22.147 RAC952 : "There is no free space to add new work notes to the Lifecycle Log."

3.2.22.148 RAC953 : "Successfully added the comment."

3.2.22.149 RAC954 : "The number of characters entered for the comment exceeds the supported limit."

3.2.22.150 RAC955 : "Unable to retrieve the information related to the specified record in the Lifecycle Log."

3.2.22.151 RAC956 : "There is no free space to add new comments to the Lifecycle Log."

3.2.22.152 RAC957 : "An import or export operation is currently in progress."

3.2.22.153 RAC958 : "Unable to start the import or export operation."

3.2.22.154 RAC959 : "Invalid file used for configuration XML file import operation."

3.2.22.155 RAC960 : "Unable to find the specified configuration XML file for import."

3.2.22.156 RAC961 : "A pending or committed system configuration change exists."

3.2.22.157 RAC962 : "Unable to continue with the operation because Lifecycle Controller is

in recovery state,"

3.2.22.158 RAC963 : "Unable to retrieve the status of Lifecycle Controller."

3.2.22.159 RAC964 : "Unable to perform the operation."

3.2.22.160 RAC965 : "The -l option must be specified if -u and -p are used."

3.2.22.161 RAC966 : "Unable to continue with the operation because the user name or password is not specified."

3.2.22.162 RAC967 : "Exporting the configuration XML file to a local share is not supported when using Firmware RACADM."

3.2.22.163 RAC968 : "Importing the configuration XML file from a local share is not supported when using Firmware RACADM."

3.2.22.164 RAC969 : "Incorrect value specified for the shutdown option."

3.2.22.165 RAC970 : "Incorrect value specified for the end power state option."

3.2.22.166 RAC971 : "Incorrect file type specified."

3.2.22.167 RAC972 : "Insufficient privileges to run the configuration XML file import or export operations."

3.2.22.168 RAC973 : "The imported configuration XML file matches the current system configuration."

3.2.22.169 RAC974 : "Invalid wait time specified."

3.2.22.170 RAC975 : "Invalid share type specified."

3.2.22.171 RAC976 : "Export configuration XML file operation initiated."

3.2.22.172 RAC977 : "Import configuration XML file operation initiated."

3.2.22.173 RAC978 : "Unsupported Lifecycle Controller firmware version detected."

3.2.22.174 RAC979 : "Successfully uploaded the custom signing certificate to iDRAC."

3.2.22.175 RAC981 : "The type of certificate specified does not require a passphrase."

3.2.22.176 RAC982 : "Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected."

3.2.22.177 RAC983 : "Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file."

3.2.22.178 RAC984 : "Unable to upload the Public Key Cryptography Standards version 12

(PKCS12) file."

**3.2.22.179 RAC985 : "Unable to configure the cfgServerBootOnce object."**

**3.2.22.180 RAC986 : "The "vmkey" sub-command is deprecated."**

**3.2.22.181 RAC987 : "Firmware update job for <file name> is initiated."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**3.2.22.182 RAC988 : "Unable to initiate the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**3.2.22.183 RAC989 : "Unable to apply the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**3.2.22.184 RAC990 : "Unable to apply the <file name> update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**3.2.22.185 RAC991 : "Unable to run the "jobqueue" command."**

**3.2.22.186 RAC992 : "Invalid job: <job ID>."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456789"

**3.2.22.187 RAC993 : "The job: <job ID> was deleted."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456790"

**3.2.22.188 RAC994 :** "Unable to run the "jobqueue delete --all" command."

**3.2.22.189 RAC995 :** "Unable to retrieve the hardware inventory."

**3.2.22.190 RAC996 :** "Unable to set the object value because the DNS RAC Name object is not configured."

**3.2.22.191 RAC997 :** "The object DNSDomainFromDHCP cannot be enabled."

**3.2.22.192 RAC998 :** "IPv6 cannot be enabled."

**3.2.22.193 RAC999 :** "The object DNSFromDHCP6 cannot be enabled."

**3.2.22.194 RAC1000 :** "Unable to set the object value for iDRAC IPv6 address or gateway."

**3.2.22.195 RAC1001 :** "Unable to set the object value for iDRAC IPv6 DNS1 or DNS2."

**3.2.22.196 RAC1002 :** "Active Directory Single Sign On (SSO) cannot be enabled."

**3.2.22.197 RAC1003 :** "The smart card certificate revocation list (CRL) cannot be enabled."

**3.2.22.198 RAC1004 :** "The smart card login cannot be enabled."

**3.2.22.199 RAC1005 :** "Successfully exported hardware inventory."

**3.2.22.200 RAC1006 :** "Unable to process the <file name>, and the update was not applied."

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**3.2.22.201 RAC1007 :** "The job <job ID> cannot be deleted."

When event is generated, message will have the following substitutions:

- <job ID> = "firmimg.d7"



- 3.2.22.202 RAC1008 : "The Active Directory object DCLookupByUserDomain cannot be disabled."
- 3.2.22.203 RAC1009 : "The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled."
- 3.2.22.204 RAC1010 : "Unable to set the power cap value."
- 3.2.22.205 RAC1011 : "The OS to iDRAC pass-through cannot be enabled."
- 3.2.22.206 RAC1012 : "Unable to change the auto-negotiation state for the current NIC selection mode."
- 3.2.22.207 RAC1013 : "The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None."
- 3.2.22.208 RAC1014 : "The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None"."
- 3.2.22.209 RAC1016 : "The specified user already exists. Duplicate user names are not allowed."
- 3.2.22.210 RAC1017 : "Successfully modified the object value and the change is in pending state."
- 3.2.22.211 RAC1018 : "The specified object or syntax is invalid."
- 3.2.22.212 RAC1019 : "The specified object is not supported for the current system configuration."
- 3.2.22.213 RAC1020 : "No objects are available under the specified group for the current system configuration."
- 3.2.22.214 RAC1021 : "NIC objects are not available in the current system configuration."
- 3.2.22.215 RAC1023 : "Unable to create the configuration job."
- 3.2.22.216 RAC1024 : "Successfully scheduled a job."
- 3.2.22.217 RAC1025 : "The specified object is read-only and cannot be modified due to an object dependency."
- 3.2.22.218 RAC1026 : "A custom signing certificate does not exist."
- 3.2.22.219 RAC1027 : "Successfully sent the alert for the specified event to the configured destination."
- 3.2.22.220 RAC1028 : "Unable to download the specified certificate type."
- 3.2.22.221 RAC1029 : "Unable to delete the specified certificate type."
- 3.2.22.222 RAC1030 : "The custom signing certificate was deleted."
- 3.2.22.223 RAC1031 : "Unable to delete the custom signing certificate."
- 3.2.22.224 RAC1032 : "<Job ID or ALL> jobs was cancelled by the user."

When event is generated, message will have the following substitutions:

- <Job ID or ALL> = "123456789"

**3.2.22.225 RAC1033 : "Unable to retrieve the server component software inventory."**

**3.2.22.226 RAC1035 : "There are no pending values to be cleared."**

**3.2.22.227 RAC1036 : "Successfully cleared pending attribute(s) for the group specified."**

**3.2.22.228 RAC1037 : "Unable to clear pending attribute(s)."**

**3.2.22.229 RAC1038 : "Unable to clear pending values for the specified component."**

**3.2.22.230 RAC1039 : "The subcommand entered is not supported on the specified server."**

**3.2.22.231 RAC1040 : "Successfully accepted the RAID storage configuration operation. The change is in pending state."**

**3.2.22.232 RAC1041 : "Successfully configured the Automatic Update (autoupdate) feature settings."**

**3.2.22.233 RAC1042 : "Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided."**

**3.2.22.234 RAC1043 : "Unable to configure the Automatic Update (autoupdate) feature settings. The option <option name> is either invalid or not provided."**

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**3.2.22.235 RAC1044 :** "The Automatic Update (autoupdate) feature is not enabled."

**3.2.22.236 RAC1045 :** "Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often."

**3.2.22.237 RAC1046 :** "Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured."

**3.2.22.238 RAC1047 :** "Successfully cleared the Automatic Update (autoupdate) feature settings."

**3.2.22.239 RAC1048 :** "Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration."

**3.2.22.240 RAC1049 :** "Successfully configured the Automatic Backup (autobackup) feature settings."

**3.2.22.241 RAC1050 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided."

**3.2.22.242 RAC1051 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The option <option name> is either invalid or not provided."

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**3.2.22.243 RAC1052 :** "The Automatic Backup (autobackup) feature is not enabled."

**3.2.22.244 RAC1053 :** "Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured."

**3.2.22.245 RAC1054 :** "Successfully cleared the Automatic Backup (autobackup) feature settings."

**3.2.22.246 RAC1055 :** "Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration."

**3.2.22.247 RAC1056 :** "Rollback operation initiated successfully."

**3.2.22.248 RAC1057 :** "Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a rollback firmware image available."

**3.2.22.249 RAC1058 :** "Rollback operation did not complete successfully because Lifecycle Controller is disabled."

**3.2.22.250 RAC1059 :** "Rollback operation could not be performed because another firmware update job is running."

**3.2.22.251 RAC1060 :** "System inventory may not becurrent because the Collect System Inventory On Restart (CSIOR) feature is disabled."

**3.2.22.252 RAC1061 :** "SystemErase operation initiated successfully."

**3.2.22.253 RAC1062 :** "Unable to initiate the SystemErase operation. The component identifier specified is not valid."

**3.2.22.254 RAC1063 :** "Unable to initiate the SystemErase operation because Lifecycle Controller is disabled."

**3.2.22.255 RAC1064 :** "Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress."

**3.2.22.256 RAC1065 :** "Unable to initiate the SystemErase operation because iDRAC encountered an internal issue."

**3.2.22.257 RAC1067 :** "Unable to set the minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is lesser than, or equal to the minimum critical threshold value."

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.258 RAC1068 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.259 RAC1069 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.260 RAC1070 : "Unable to set the maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.261 RAC1071 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.262 RAC1072 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**3.2.22.263 RAC1073 : "Unable to reset the threshold value of sensor <sensor name> because the capability to reset this sensor threshold value is not supported."**

When event is generated, message will have the following substitutions:

- <sensor name> = "SensorName"

**3.2.22.264 RAC1109 :** "Unable to run the command, because an incorrect Share type is entered."

**3.2.22.265 RAC1110 :** "Unable to run the command, because an incorrect Proxy port number was entered."

**3.2.22.266 RAC1111 :** "Unable to delete the pending values or operations of the specified device."

**3.2.22.267 RAC1112 :** "Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job."

**3.2.22.268 RAC1113 :** "Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option."

**3.2.22.269 RAC1114 :** "Configuration XML file preview operation job is initiated. Job ID = <job ID>"

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

3.2.22.270 RAC1115 : "Unable to run the command, because of insufficient user privileges."

3.2.22.271 RAC1116 : "Unable to run the command, because the restart flag entered is incorrect."

3.2.22.272 RAC1117 : "Unable to run the command."

3.2.22.273 RAC1118 : "Successfully initiated the update operation specified in the command."

3.2.22.274 RAC1119 : "Unable to generate a comparison report for the specified repository."

3.2.22.275 RAC1120 : "Unable to run the command, because an incorrect Proxy type is entered."

3.2.22.276 RAC1121 : "Unable to run the command, because the data entered for connecting to the Proxy server is insufficient."

3.2.22.277 RAC1122 : "The specified group or object is not supported on the server."

3.2.22.278 RAC1123 : "Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration."

3.2.22.279 RAC1128 : "The -l option must be specified if -u and -p options are used."

3.2.22.280 RAC1129 : "Unable to modify the BootOnce object."

3.2.22.281 RAC1130 : "Unable to complete the operation. This feature is not supported on the currently-used platform."

3.2.22.282 RAC1131 : "iDRAC was successfully reset."

3.2.22.283 RAC1132 : "Unable to update the firmware. The value entered for an option is invalid."

3.2.22.284 RAC1133 : "BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart."

3.2.22.285 RAC1134 : "Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally."

3.2.22.286 RAC1135 : "Unable to run the RACADM command because an internal instrumentation component has stopped functioning."

3.2.22.287 RAC1136 : "Remote unattended diagnostic execution operation initiated."

3.2.22.288 RAC1137 : "Remote unattended diagnostic results export operation initiated."

3.2.22.289 RAC1138 : "Unable to export the diagnostics results because the results do not exist."

3.2.22.290 RAC1139 : "The entered option is not supported by the interface."

3.2.22.291 RAC1140 : "File name is not required to export the Technical Support Report (TSR)"

to a remote share."

**3.2.22.292 RAC1141 :** "The iDRAC firmware rollback operation was initiated."

**3.2.22.293 RAC1142 :** "Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes."

**3.2.22.294 RAC1143 :** "Configuration results are not applicable for the job type for Job: <job ID>."

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**3.2.22.295 RAC1144 :** "The Job: <job ID> is invalid or is not present in the job queue and a related Lifecycle Log entry is not found."

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"



**3.2.22.296 RAC1145 : "The entered log type is invalid."**

**3.2.22.297 RAC1146 : "Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC."**

**3.2.22.298 RAC1147 : "Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC."**

**3.2.22.299 RAC1150 : "Unable to complete the export operation."**

**3.2.22.300 RAC1151 : "The export operation is unsuccessful."**

**3.2.22.301 RAC1152 : "The export operation completed successfully."**

**3.2.22.302 RAC1153 : "The time stamp is not available to display."**

**3.2.22.303 RAC1154 : "The requested operation is initiated."**

**3.2.22.304 RAC1155 : "Unable to complete the operation because Lifecycle Controller is disabled."**

**3.2.22.305 RAC1156 : "Unable to display the information about the server network interfaces."**

**3.2.22.306 RAC1157 : "Unable to find the specified FQDD."**

**3.2.22.307 RAC1158 : "The requested number of log entries exceeds the limit."**

**3.2.22.308 RAC1159 : "Unable to get the requested data from iDRAC."**

**3.2.22.309 RAC1160 : "Unable to set USB group objects because of insufficient privilege for user account <username>."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**3.2.22.310 RAC1161 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running."**

**3.2.22.311 RAC1162 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress."**

**3.2.22.312 RAC1163 : "The peak utilization value of out-of-band performance monitoring sensor <sensor name> is successfully reset."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Sensorname"

**3.2.22.313 RAC1164 :** "A remote diagnostics operation is currently running and not completed."

**3.2.22.314 RAC1165 :** "Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use."

**3.2.22.315 RAC1166 :** "Successfully initiated Configuration XML file preview operation that was invoked by <user name>."

When event is generated, message will have the following substitutions:

- <user name> = "root"

**3.2.22.316 RAC1168 :** "The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware."

**3.2.22.317 RAC1169 :** "The RACADM "config" command will be deprecated in a future version of iDRAC firmware."

**3.2.22.318 RAC1170 :** "Unable to find the SSL library in the default path."

**3.2.22.319 RAC1175 :** "Unable to change the user configuration because modifying the user configuration at index 1 is not allowed."

**3.2.22.320 RAC1176 :** "Unable to generate the Certificate Signing Request (CSR) message because all the attributes in the iDRAC.Security group are not configured."

**3.2.22.321 RAC1177 :** "A USB device is attached to the iDRAC."

**3.2.22.322 RAC1178 :** "A USB device is attached to the iDRAC and a configuration XML import operation is in progress."

**3.2.22.323 RAC1179 :** "Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device."

**3.2.22.324 RAC1180 :** "A USB device is inserted in the front panel USB Management port and is in use by the server operating system."

**3.2.22.325 RAC1181 :** "Unable to change USB Management Port mode."

**3.2.22.326 RAC1182 :** "Unable to retrieve information for the Power group or attribute because the server is not PMBus capable."

**3.2.22.327 RAC1183 :** "Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature."

**3.2.22.328 RAC1184 :** "The getuscvresion RACADM subcommand will be deprecated in a future release."

**3.2.22.329 RAC1185 :** "Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered."

**3.2.22.330 RAC1186 :** "1000Mbps speed setting is Read Only and cannot be configured for the iDRAC NIC."

### **3.2.23 Subcategory= FW Download [MessageID prefix =RED]**

**3.2.23.1 RED070 :** "Unable to configure the Automatic Backup schedule."

**3.2.23.2 RED071 :** "Unable to get the Automatic Backup schedule information."

**3.2.23.3 RED072 :** "Unable to delete the Automatic Backup schedule."

**3.2.23.4 RED073 :** "The input value entered for the parameter <parameter> is invalid."

When event is generated, message will have the following substitutions:

- `<parameter> = "Param1"`

3.2.23.5 RED074 : "A required parameter is not present."

3.2.23.6 RED075 : "An Automatic Backup schedule already exists."

### **3.2.24 Subcategory= Remote Service [MessageID prefix =RSI]**

3.2.24.1 RSI0001 : "The Lifecycle Controller Remote Services is available."

3.2.24.2 RSI0002 : "The remote service is currently not available"

3.2.24.3 RSI0003 : "The remote service is reloading data"

3.2.24.4 RSI0004 : "The remote service is unavailable"

### **3.2.25 Subcategory= Security Event [MessageID prefix =SEC]**

3.2.25.1 SEC0700 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC."

3.2.25.2 SEC0701 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately."

### **3.2.26 Subcategory= Storage [MessageID prefix =STOR]**

3.2.26.1 STOR003 : "Missing parameter."

3.2.26.2 STOR004 : "Invalid parameter value."

3.2.26.3 STOR006 : "Unable to complete the operation."

3.2.26.4 STOR007 : "Unable to allocate resources."

3.2.26.5 STOR009 : "Physical disk FQDD did not identify a valid physical disk for the operation."

3.2.26.6 STOR010 : "RAID level not supported on controller."

3.2.26.7 STOR011 : "Stripe size not supported on controller."

3.2.26.8 STOR012 : "Provided Physical disk not valid for this operation."

3.2.26.9 STOR013 : "One or more storage device(s) are not in a state where the operation can be completed."

3.2.26.10 STOR015 : "Maximum virtual disks allowed for this controller has been reached."

3.2.26.11 STOR016 : "The physical disk specified is not large enough to be a hot spare for this virtual disk."

3.2.26.12 STOR017 : "The specified Virtual Disk is not valid for the operation."

3.2.26.13 STOR018 : "No foreign drives detected."

3.2.26.14 STOR019 : "The specified passphrase is not valid."

3.2.26.15 STOR020 : "A controller key is already present."

3.2.26.16 STOR021 : "The controller key is not present."

job for the device already exists."

**3.2.26.19 STOR024 : "Unable to create a configuration job because a configuration job for the device already exists."**

**3.2.26.20 STOR025 : "Unable to delete any pending configuration because the configuration job is already scheduled."**

**3.2.26.21 STOR026 : "A configuration job was not created because there are no pending configuration changes."**

**3.2.26.22 STOR027 : "Virtual Disk name is not supported."**

**3.2.26.23 STOR028 : "Virtual disk not found."**

**3.2.26.24 STOR029 : "Physical disk not found."**

**3.2.26.25 STOR030 : "Controller not found."**

**3.2.26.26 STOR031 : "Lifecycle Controller is not enabled."**

**3.2.26.27 STOR032 : "Lifecycle Controller is currently in use."**

**3.2.26.28 STOR033 : "Invalid parameter value for Start/Until Time."**

**3.2.26.29 STOR035 : "Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation."**

**3.2.26.30 STOR037 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "RAIDLevel"

**3.2.26.31 STOR038 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "RAIDLevel"

**3.2.26.32 STOR039 : "Mismatch in AttributeName and AttributeValue count."**

**3.2.26.33 STOR040 : "Invalid AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute"

**3.2.26.34 STOR041 : "Invalid value for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "DiskCachePolicy"

#### **3.2.26.35 STOR042 : "Unsupported value for AttributeName <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "DiskCachePolicy"

#### **3.2.26.36 STOR043 : "One or more selected physical disk drives are part of virtual disk that is not Secondary RAID Level 0."**

#### **3.2.26.37 STOR044 : "All physical disks specified are not part of the same disk group."**

#### **3.2.26.38 STOR045 : "StartingLBA and Size parameters are required to create a virtual disk."**

#### **3.2.26.39 STOR046 : "The specified StartingLBA and Size values combination result in an overlapping virtual disk."**

#### **3.2.26.40 STOR047 : "Unable to change the value of attribute <attribute> because it is ReadOnly."**

When event is generated, message will have the following substitutions:

- <attribute> = "attribute"

3.2.26.41 STOR048 : "Controller is not Dell Key Management capable."

3.2.26.42 STOR049 : "Controller is in Local Key Management mode."

3.2.26.43 STOR050 : "Controller is in Dell Key Management mode."

3.2.26.44 STOR051 : "StartingLBA and Size value combination is greater than allowed by the physical disk size."

3.2.26.45 STOR052 : "Attempt to exceed the number of supported of virtual disks on a controller or disk group."

3.2.26.46 STOR053 : "The controller key is not present. The key must be retrieved from the Dell Key Management Server."

3.2.26.47 STOR054 : "Controller is not CacheCade capable."

3.2.26.48 STOR055 : "BIOS does not support Dell Key Manager capabilities."

3.2.26.49 STOR056 : "Physical disk is not security capable."

3.2.26.50 STOR057 : "The specified RAID controller is not currently available for configuration."

3.2.26.51 STOR058 : "This operation is not supported on this device."

3.2.26.52 STOR059 : "The requested operation is not currently valid because there are no virtual disks on the controller."

3.2.26.53 STOR060 : "Configuration operations are not supported on the specified storage controller."

3.2.26.54 STOR061 : "Initializing virtual disk is not supported on the RAID controller."

3.2.26.55 STOR062 : "One or more physical disks specified are full and cannot be used to create additional virtual disks."

3.2.26.56 STOR063 : "Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode."

3.2.26.57 STOR064 : "One or more physical disks specified for creating a virtual disk do not have the same block size."

3.2.26.58 STOR065 : "One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable."

3.2.26.59 STOR066 : "Controller is not T10 Protection Information capable."

3.2.26.60 STOR067 : "Controller does not support uneven span RAID10 virtual disks."

3.2.26.61 STOR068 : "Unable to perform the requested RAID configuration because the



**Lifecycle Controller version on the server does not have the necessary capabilities."**

**3.2.26.62 STOR069 : "Unable to run the <method name> method, because the number of elements entered for VDPropNameArry and VDPropValueArray is unequal."**

When event is generated, message will have the following substitutions:

- <method name> = "Param1"

**3.2.26.63 STOR070 : "Unable to run the WS-MAN method <method name>, because an invalid parameter <parameter name> is entered."**

When event is generated, message will have the following substitutions:

- <method name> = "Method"
- <parameter name> = "Param"

**3.2.26.64 STOR071 : "The specified Span Count is not valid for creating a RAID 10. Valid Span Counts are: <valid span counts>"**

When event is generated, message will have the following substitutions:

- <valid span counts> = "2,3,4,5,6,7,8"

3.2.26.65 STOR072 : "iDRAC Service Module (ISM) is either not present or not running on the server OS."

3.2.26.66 STOR073 : "The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation."

3.2.26.67 STOR074 : "The requested RAID configuration operation is not allowed because the controller is currently in Non-RAID mode."

3.2.26.68 STOR075 : "The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending."

3.2.26.69 STOR076 : "Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations."

3.2.26.70 STOR077 : "Unable to change Patrol Read State since Patrol Read Mode is not set to Manual."

3.2.26.71 STOR078 : "The requested operation requires a reboot type that does not match the reboot type required for pending operations."

3.2.26.72 STOR079 : "The device does not support this operation or is in a state that does not allow this operation."

3.2.26.73 STOR081 : "The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match."

3.2.26.74 STOR082 : "The operation cannot be stopped or cancelled because the operation is not currently running."

3.2.26.75 STOR083 : "The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size."

3.2.26.76 STOR084 : "Unable to create the job because another job is currently running"

3.2.26.77 STOR300 : "Controller mode cannot be changed because there are already pending operations."

3.2.26.78 STOR301 : "The operation cannot be performed because the controller mode change request is pending."

3.2.26.79 STOR302 : "The job could not be created because the Apply Operation Mode selected is not supported for this operation."

3.2.26.80 STOR303 : "Unable to change controller mode while security key is assigned to the controller. Delete the security key and retry the operation."

3.2.26.81 STOR304 : "Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller. Delete the Virtual Disks and/or Hotspares and retry the operation."

3.2.26.82 STOR305 : "Unable to change controller mode while there is preserved cache

**present on the controller. Delete the preserved cache and retry the operation."**

**3.2.26.83 STOR0701 : "Storage objects are unavailable in the current system configuration."**

**3.2.26.84 STOR0702 : "The value entered for the <option name> option is invalid"**

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**3.2.26.85 STOR034 : "Invalid parameter value for RebootJobType."**

### **3.2.27 Subcategory= Software Config [MessageID prefix =SWC]**

**3.2.27.1 SWC0001 : "Unable to save the network settings."**

**3.2.27.2 SWC0002 : "Unable to set Part Replacement policies."**

**3.2.27.3 SWC0003 : "Unable to display the Lifecycle log."**

**3.2.27.4 SWC0004 : "Unable to add a work note to the Lifecycle Log."**

**3.2.27.5 SWC0005 : "Unable to display the current hardware inventory."**

**3.2.27.6 SWC0006 : "Unable to display the As Shipped hardware inventory."**

**3.2.27.7 SWC0007 : "Unable to write the current hardware inventory to the specified destination."**

**3.2.27.8 SWC0008 : "Unable to write the As Shipped hardware inventory to the specified destination."**

**3.2.27.9 SWC0011 : "Successfully applied front panel security settings."**

**3.2.27.10 SWC0012 : "Unable to retrieve the front panel security settings."**

**3.2.27.11 SWC0013 : "Unable to save the front panel security settings."**

**3.2.27.12 SWC0014 : "Unable to set new date and time."**

**3.2.27.13 SWC0015 : "Unable to retrieve the list of supported operating systems."**

**3.2.27.14 SWC0016 : "Unable to initialize OS Deployment wizard."**

**3.2.27.15 SWC0017 : "Unable to retrieve the drivers for the selected operating system."**

**3.2.27.16 SWC0018 : "Unable to apply the boot mode settings for BIOS."**

**3.2.27.17 SWC0019 : "The Test Network Connection operation completed with errors."**

**3.2.27.18 SWC0023 : "Successfully configured encryption."**

**3.2.27.19 SWC0024 : "The Test Network Connection ping test timed-out."**

**3.2.27.20 SWC0025 : "The operation completed successfully, however the system is unable to automatically shut down."**

**3.2.27.21 SWC0026 : "Unable to retrieve status of backup Server Profile operation."**

**3.2.27.22 SWC0027 : "Successfully backed up a Server Profile by using the Lifecycle**

Controller GUI."

3.2.27.23 SWC0028 : "The backup Server Profile operation did not successfully complete."

3.2.27.24 SWC0029 : "Unable to retrieve status of backup Server Profile operation."

3.2.27.25 SWC0030 : "Unable to complete the backup Server Profile backup operation."

3.2.27.26 SWC0031 : "Unable to initiate the backup Server Profile backup operation."

3.2.27.27 SWC0032 : "Successfully exported the Server Configuration Profile image file to the USB drive."

3.2.27.28 SWC0033 : "Successfully exported the Server Configuration Profile image file to network share."

3.2.27.29 SWC0034 : "Unable to export the file to the network share."

3.2.27.30 SWC0035 : "Unable to initialize backup Server Profile operation."

3.2.27.31 SWC0036 : "Unable to launch hardware diagnostics."

3.2.27.32 SWC0037 : "Unable to export the file to the network share."

3.2.27.33 SWC0038 : "Unable to export the file to the network share."

3.2.27.34 SWC0039 : "Unable to find the backup Server Configuration Profile image."

3.2.27.35 SWC0040 : "Unable to complete the Import operation."

3.2.27.36 SWC0041 : "Unable to copy the backup Server Configuration Profile."

3.2.27.37 SWC0042 : "Unable to retrieve the status of the Import Server Profile operation."

3.2.27.38 SWC0043 : "Import Server Profile operation completed with errors."

3.2.27.39 SWC0044 : "Unable to retrieve the status of the Import Server Profile operation."

3.2.27.40 SWC0045 : "Unable to complete the Import operation."

3.2.27.41 SWC0046 : "Unable to initiate Import operation."

3.2.27.42 SWC0047 : "Incorrect backup Server Configuration Profile file passphrase provided."

3.2.27.43 SWC0048 : "Unable to validate the backup server configuration Profile image file for this system."

3.2.27.44 SWC0049 : "Unable to continue the Import operation."

3.2.27.45 SWC0050 : "Unable to initiate Import operation."

3.2.27.46 SWC0051 : "Unable to retrieve iDRAC license information."

477

3.2.27.47 SWC0052 : "Unable to continue with OS Deployment operation."

3.2.27.48 SWC0053 : "File extension is not supported or the Update Package is invalid."

3.2.27.49 SWC0054 : "Unable to save settings."

share folder."

**3.2.27.67 SWC0072 :** "Unable to export the Tech Support Report to destination folder."

**3.2.27.68 SWC0073 :** "Unable to start operation with the current iDRAC version."

**3.2.27.69 SWC0074 :** "Unable to start operation with the current iDRAC version."

**3.2.27.70 SWC0075 :** "Unable to perform RAID operations because the selected controller is in HBA mode."

**3.2.27.71 SWC0076 :** "The following iDRAC internal storage partitions present in the system were not mounted during the system startup: <partitions>"

When event is generated, message will have the following substitutions:

- <partitions> = "Partitions"

3.2.27.72 SWC0077 : "Unable to initiate the Repurpose or Retire System operation."

3.2.27.73 SWC0101 : "Unable to read available log records."

3.2.27.74 SWC0102 : "The -m option is not supported by the interface being used."

3.2.27.75 SWC0103 : "The -E option is not valid for the specified log."

3.2.27.76 SWC0104 : "The -R option is not valid for the specified log."

3.2.27.77 SWC0105 : "Invalid -m option. Try --more or refer help for proper usage"

3.2.27.78 SWC0106 : "The -u option is not supported on the current RAC configuration."

3.2.27.79 SWC0107 : "More than one option is not allowed with this command."

3.2.27.80 SWC0108 : "The service tag is not currently populated."

3.2.27.81 SWC0109 : "No process information is currently available."

3.2.27.82 SWC0110 : "No build information is currently available."

3.2.27.83 SWC0111 : "A server action command must be specified."

3.2.27.84 SWC0112 : "Timeout while waiting for server to perform requested power action."

3.2.27.85 SWC0113 : "The -6 option can only be used in combination with the -d or -s option."

3.2.27.86 SWC0114 : "The -o option cannot be used with any other options."

3.2.27.87 SWC0115 : "The -s option cannot be used with any other options."

3.2.27.88 SWC0116 : "The -s option requires IP address, subnet mask, and gateway."

3.2.27.89 SWC0117 : "Invalid syntax. Both -f and -t must be specified."

3.2.27.90 SWC0118 : "Invalid syntax. -f must be specified."

3.2.27.91 SWC0119 : "Invalid certificate type specified with -t option."

3.2.27.92 SWC0120 : "Invalid syntax. Certificate type (-t) must be specified."

3.2.27.93 SWC0121 : "Invalid syntax. User index (-i) must be specified."

3.2.27.94 SWC0122 : "Invalid syntax. SSL key type (-t) must be specified."

3.2.27.95 SWC0123 : "The -s option is not valid with any other options."

3.2.27.96 SWC0124 : "The -u option requires -f to be specified."

3.2.27.97 SWC0125 : "Unable to generate CSR."

3.2.27.98 SWC0126 : "Unable to download CSR file."

3.2.27.99 SWC0127 : "Unable to open file for writing."

3.2.27.100 SWC0128 : "The Common Name (CN) field of the CSR Security group must\nbe

configured before a CSR can be generated."

**3.2.27.101 SWC0129 :** "Unable to send test email. Please make sure that your email alerts  
have been configured correctly and connectivity to the SMTP server exists."

**3.2.27.102 SWC0130 :** "Trap at specified index is not currently enabled."

**3.2.27.103 SWC0131 :** "Trap destination address must be configured."

**3.2.27.104 SWC0132 :** "Unable to send test trap. Please make sure that your trap  
has been configured correctly and connectivity to the destination endpoint exists."

**3.2.27.105 SWC0133 :** "Either connect or disconnect must be specified."

**3.2.27.106 SWC0134 :** "The RAC log was cleared successfully"

**3.2.27.107 SWC0135 :** "The SEL was cleared successfully"

**3.2.27.108 SWC0136 :** "Object value modified successfully"

**3.2.27.109 SWC0137 :** "The coredump was deleted successfully"

**3.2.27.110 SWC0138 :** "Coredump request completed successfully"

**3.2.27.111 SWC0139 :** "Total Records: <Number of Records>"

When event is generated, message will have the following substitutions:

- <Number of Records> = "200"



3.2.27.112 SWC0140 : "RAC reset operation initiated successfully. It may take up to a minute  
for the RAC to come back online again."

3.2.27.113 SWC0141 : "Certificate successfully downloaded from the RAC"

3.2.27.114 SWC0143 : "SSL key successfully uploaded to the RAC."

3.2.27.115 SWC0144 : "Certificate successfully uploaded to the RAC. The RAC will now reset  
into enable the new certificate and may be offline temporarily."

3.2.27.116 SWC0145 : "A CSR was generated successfully"

3.2.27.117 SWC0146 : "Last ASR screen was cleared successfully"

3.2.27.118 SWC0147 : "ASR request completed successfully"

3.2.27.119 SWC0148 : "Test email sent successfully"

3.2.27.120 SWC0149 : "Test trap sent successfully."

3.2.27.121 SWC0150 : "Object value is valid"

3.2.27.122 SWC0151 : "RAC configuration saved to file successfully"

3.2.27.123 SWC0152 : "RAC configuration from file completed successfully"

3.2.27.124 SWC0153 : "RAC configuration file is valid"

3.2.27.125 SWC0154 : "Generating CSR. Please wait..."

3.2.27.126 SWC0155 : "CSR generated and downloaded from RAC successfully"

3.2.27.127 SWC0156 : "CSR file downloaded from RAC successfully"

3.2.27.128 SWC0157 : "User certificate successfully uploaded to the RAC."

3.2.27.129 SWC0158 : "User CA certificate successfully uploaded to the RAC."

3.2.27.130 SWC0159 : "Kerberos Keytab successfully uploaded to the RAC."

3.2.27.131 SWC0160 : "PK SSH Authentication Key file successfully uploaded to the RAC."

3.2.27.132 SWC0161 : "PK SSH Authentication operation completed successfully."

3.2.27.133 SWC0201 : "All keys successfully deleted"

3.2.27.134 SWC0202 : "Key successfully deleted"

3.2.27.135 SWC0203 : "Key file successfully uploaded"

3.2.27.136 SWC0204 : "Key text successfully uploaded"

3.2.27.137 SWC0205 : "Upload an SSL key to the RAC"

3.2.27.138 SWC0206 : "View user certificate information"

3.2.27.139 SWC0207 : "Display the version info of RACADM"

3.2.27.140 SWC0208 : "Disconnect Virtual Media connections"

know Remote File Share is ENABLED or DISABLED."

3.2.27.148 SWC0216 : "The -c option requires -l to also be specified."

3.2.27.149 SWC0217 : "The -c option requires -u to also be specified."

3.2.27.150 SWC0218 : "The -c option requires -p to also be specified."

3.2.27.151 SWC0219 : "The -p option requires -c to also be specified."

3.2.27.152 SWC0220 : "The -u option requires -c to also be specified."

3.2.27.153 SWC0221 : "The -l option requires -c to also be specified."

3.2.27.154 SWC0222 : "Invalid syntax. The -d option is not valid with -c."

3.2.27.155 SWC0223 : "Invalid syntax. The -d option is not valid with -p."

3.2.27.156 SWC0224 : "Invalid syntax. The -d option is not valid with -u."

3.2.27.157 SWC0225 : "Invalid syntax. The -d option is not valid with -l."

3.2.27.158 SWC0226 : "No valid directory service certificate exists"

3.2.27.159 SWC0227 : "Partition label exceeds maximum limit of 6 alphanumeric characters."

3.2.27.160 SWC0228 : "Partition label must be an alphanumeric character string."

3.2.27.161 SWC0229 : "Some Necessary tag(s) are missing: -i -o -e -t -f & -s must be specified for create partition."

3.2.27.162 SWC0230 : "vFlash not enabled."

3.2.27.163 SWC0231 : "Partition of type \"image\" not supported on local racadm."

3.2.27.164 SWC0232 : "Remote RACADM commands are not supported on this iDRAC. To upgrade your iDRAC version, contact your service provider."

3.2.27.165 SWC0233 : "No indexes are available to configure additional groups."

3.2.27.166 SWC0234 : "Remote host is not reachable or connection is interrupted."

3.2.27.167 SWC0235 : "All keys successfully deleted."

3.2.27.168 SWC0236 : "Key successfully deleted."

3.2.27.169 SWC0237 : "Key text appears to be corrupted."

3.2.27.170 SWC0238 : "Key is too long."

3.2.27.171 SWC0239 : "The requested object is not allowed to be configured if IPv6

**AutoConfig is enabled."**

**3.2.27.172 SWC0240 : "The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled"**

**3.2.27.173 SWC0241 : "Power Cap Enable not set. Unable to modify this property"**

**3.2.27.174 SWC0242 : "A required license is missing or expired. Obtain an appropriate license and try again, or contact your service provider for additional details."**

**3.2.27.175 SWC0243 : "Certificate regenerated successfully and webserver restarted"**

**3.2.27.176 SWC0244 : "Invalid Fully Qualified Device Descriptor (FQDD)."**

**3.2.27.177 SWC0245 : "Failed to set object value because local configuration using RACADM is disabled."**

**3.2.27.178 SWC0246 : "Value specified is invalid: Valid range is <index>."**

When event is generated, message will have the following substitutions:

- <index> = "Unknown"

**3.2.27.179 SWC0247 : "Invalid subcommand specified."**

**3.2.27.180 SWC0248 : "Invalid command syntax."**

**3.2.27.181 SWC0249 : "Invalid syntax. The requested subcommand requires -i <index> to be specified."**

When event is generated, message will have the following substitutions:

- <index> = "1"

**3.2.27.182 SWC0250 : "Invalid syntax. The specified subcommand does not require any options."**

**3.2.27.183 SWC0251 : "Invalid index value. Only index values <number> - <number> are permitted."**

When event is generated, message will have the following substitutions:

- <number> = "0"
- <number> = "32"

3.2.27.184 SWC0252 : "No options were specified. The subcommand requires options to be used."

3.2.27.185 SWC0253 : "Unable to allocate memory needed to perform operation."

3.2.27.186 SWC0254 : "Unable to perform requested operation. \nIf the operation attempted was to configure DRAC, possible reason may be that \nLocal Configuration using RACADM is disabled."

3.2.27.187 SWC0255 : "Unable to open file."

3.2.27.188 SWC0256 : "Unable to read file."

3.2.27.189 SWC0257 : "Invalid syntax. Too many options specified."

3.2.27.190 SWC0258 : "Insufficient resources to perform operation."

3.2.27.191 SWC0259 : "Invalid group specified."

3.2.27.192 SWC0260 : "Invalid object specified."

3.2.27.193 SWC0261 : "The specified option is not supported with the interface being used."

3.2.27.194 SWC0262 : "Unable to perform operation. Please make sure RAC controller and \nappropriate IPMI drivers are installed."

3.2.27.195 SWC0263 : "Specified path is too long."

3.2.27.196 SWC0264 : "Resource currently in use by another process. Please retry again later."

3.2.27.197 SWC0265 : "This option is not supported on this type of DRAC."

3.2.27.198 SWC0266 : "Unable to perform the requested operation. Make sure SD card is inserted."

3.2.27.199 SWC0267 : "Unable to perform the requested operation. Make sure a non write protected SD card is inserted."

3.2.27.200 SWC0268 : "There is no ASR screen currently available to clear"

3.2.27.201 SWC0269 : "Unable to clear the RAC log. \nPossible reason may be that Local Configuration using RACADM is disabled."

3.2.27.202 SWC0270 : "Unable to clear the SEL. \nPossible reason may be that Local Configuration using RACADM is disabled."

3.2.27.203 SWC0271 : "Invalid syntax. The -f option is only valid with -p and -c."

3.2.27.204 SWC0272 : "Invalid syntax. The -g option is only valid with -o, -i, and -c."

3.2.27.205 SWC0273 : "Invalid syntax. The -g option requires -o to also be specified."

484

3.2.27.206 SWC0274 : "Invalid syntax. An object value must be specified."

3.2.27.207 SWC0275 : "Invalid syntax. The -c option is only valid with -f or -g."

3.2.27.208 SWC0276 : "Invalid syntax. The -p option is only valid with -f."

- <index> = "1"

**3.2.27.213 SWC0281 : "The specified object is READ ONLY and cannot be modified."**

**3.2.27.214 SWC0282 : "The specified object is READ ONLY for this index and cannot be modified."**

**3.2.27.215 SWC0283 : "The specified object value is not valid."**

**3.2.27.216 SWC0284 : "Failed to set the object value. \nPossible reason may be that Local Configuration using RACADM is disabled."**

**3.2.27.217 SWC0285 : "Object value is invalid."**

**3.2.27.218 SWC0286 : "Modifying the user configuration at index 1 is not allowed."**

**3.2.27.219 SWC0287 : "Invalid entry in configuration file."**

**3.2.27.220 SWC0288 : "Object <object name> in <group name> group must be specified. Line: <line no.>"**

When event is generated, message will have the following substitutions:

- <object name> = "NICSelection"
- <group name> = " Network"
- <line no.> = " 15"

**3.2.27.221 SWC0289 : "Invalid value in config file. Group: <Group Name>, Object: <Object Name>, Value: \"<Value>\", Line [<Line No.>]"**

When event is generated, message will have the following substitutions:

- <Group Name> = "Network"
- <Object Name> = " NICSelection"
- <Value> = " badvalue"
- <Line No.> = " 15"

**3.2.27.222 SWC0290 : "Failed to configure object. Group: <Group Name>, Object : <Object Name>"**

When event is generated, message will have the following substitutions:

- <Group Name> = "Network"
- <Object Name> = " NICSelection"

**3.2.27.223 SWC0291 : "Another object exists with the specified value. Duplicate values are \nnot allowed for the requested object."**

**3.2.27.224 SWC0292 : "The specified object at index <index number> does not exist."**

When event is generated, message will have the following substitutions:

- `<index number> = "1"`

3.2.27.225 SWC0293 : "The specified object is not recognized by iDRAC."

3.2.27.226 SWC0294 : "Invalid group name specified."

3.2.27.227 SWC0295 : "Invalid object name specified."

3.2.27.228 SWC0296 : "The specified value is not allowed to be configured if the user name \nor password is blank."

3.2.27.229 SWC0297 : "Unable to remove passwords because file could not be saved."

3.2.27.230 SWC0298 : "The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMIoverLAN is disabled by force and cannot be enabled."

3.2.27.231 SWC0299 : "The Destination Email Address is invalid."

3.2.27.232 SWC0300 : "There is no coredump currently available."

3.2.27.233 SWC0301 : "The specified IP address is not valid."

3.2.27.234 SWC0302 : "The -s option is not valid with any other option."

3.2.27.235 SWC0303 : "The -r option is not valid with any other option."

3.2.27.236 SWC0304 : "The -g option requires -u to also be specified."

3.2.27.237 SWC0305 : "The -p option requires -u to also be specified."

3.2.27.238 SWC0306 : "The -a option requires -g and -u to also be specified."

3.2.27.239 SWC0307 : "The -d option requires -p or -g to also be specified."

3.2.27.240 SWC0308 : "The -d option requires -g to also be specified."

3.2.27.241 SWC0309 : "The -p option is not supported with the interface being used."

3.2.27.242 SWC0310 : "Invalid syntax. The -f is not valid with the option specified."

3.2.27.243 SWC0311 : "Invalid syntax. The -g option is only valid with -i and -o options."

3.2.27.244 SWC0312 : "Invalid syntax. The -u option is not valid with any other options."

3.2.27.245 SWC0313 : "Invalid syntax. The -h option is not valid with any other options."

3.2.27.246 SWC0314 : "Invalid syntax. The -o option requires -g to be specified also."

3.2.27.247 SWC0315 : "Failed to get object value."

3.2.27.248 SWC0316 : "The index must be greater than 0."

3.2.27.249 SWC0317 : "The number of records to display must be greater than zero."

3.2.27.250 SWC0318 : "The starting record must be greater than zero."

3.2.27.251 SWC0319 : "The -i option is not valid with any other options."

3.2.27.252 SWC0320 : "Unable to get the number of records available."

in read-only mode."

**3.2.27.261 SWC0722 : "Error occurred while resetting to defaults. The reset command was not accepted."**

**3.2.27.262 SWC0723 : "Error occurred while Resetting to defaults. The Reset status is not available."**

**3.2.27.263 SWC0724 : "Error occurred while Resetting to defaults due to a timeout."**

**3.2.27.264 SW0725 : "iDRAC7 communication failure."**

**3.2.27.265 SWC1903 : "RAC SSL Certificate has been changed."**

**3.2.27.266 SWC1905 : "RAC Virtual Console configuration has been changed."**

**3.2.27.267 SWC1909 : "User ID <username> RAC Privilege has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**3.2.27.268 SWC1910 : "User ID <username> User Name has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**3.2.27.269 SWC1911 : "User ID <username> User Password has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**3.2.27.270 SWC1912 : "User ID <username> User Access Right has been changed."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**3.2.27.271 SWC1913 : "Network Time Protocol configuration is enabled."**

**3.2.27.272 SWC1914 : "Network Time Protocol configuration is disabled."**

**3.2.27.273 SWC1915 : "iDRAC time zone has changed."**

**3.2.27.274 SWC1917 : "HTTPS redirection is disabled."**

**3.2.27.275 SWC1918 : "HTTPS redirection is enabled."**

**3.2.27.276 SWC1922 : "User <user name> has successfully modified the server configuration by using Quick Sync."**

When event is generated, message will have the following substitutions:



- <user name> = "UserName"

**3.2.27.277 SWC1925 : "The iDRAC Quick Sync access feature is set to the Disabled mode."**

**3.2.27.278 SWC1926 : "The iDRAC Quick Sync interface is enabled."**

**3.2.27.279 SWC1927 : "The iDRAC Quick Sync access feature is set to the read-only mode."**

**3.2.27.280 SWC1928 : "The iDRAC Quick Sync access feature is set to the read-write mode."**

**3.2.27.281 SWC1929 : "The iDRAC Quick Sync inactivity timeout value is set to <timeout period>."**

When event is generated, message will have the following substitutions:

- <timeout period> = "Timeout"

**3.2.27.282 SWC1930 : "The iDRAC Quick Sync inactivity timeout feature is enabled."**

**3.2.27.283 SWC1931 : "The iDRAC Quick Sync inactivity timeout configuration is disabled."**

**3.2.27.284 SWC8619 : "The Chassis Management Controller is unable to process data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**3.2.27.285 SWC8620 : "The Chassis Management Controller is unable to communicate with the iDRAC in server slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**3.2.27.286 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**3.2.27.287 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

### **3.2.28 Subcategory= System Info [MessageID prefix =SYS]**

**3.2.28.1 SYS001 : "The operation was successful."**

**3.2.28.2 SYS002 : "Unable to perform the operation due to an unknown error in iDRAC."**

**3.2.28.3 SYS003 : "Missing parameters: <parameter names>."**

When event is generated, message will have the following substitutions:

- <parameter names> = "parameter name"

**3.2.28.4 SYS004 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**3.2.28.5 SYS005 : "AttributeName array and AttributeValue array element count mismatch."**

**3.2.28.6 SYS006 : "Unable to set read only attribute: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.7 SYS007 : "Input out of range for <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.8 SYS008 : "Invalid boolean in value for attribute: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.9 SYS009 : "String exceeds maximum length for attribute: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.10 SYS010 : "Invalid character in value for attribute: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.11 SYS011 : "Pending configuration values are already committed, unable to perform another set operation."**

**3.2.28.12 SYS012 : "User privileges are not sufficient to perform operation."**

**3.2.28.13 SYS013 : "Invalid attribute name: <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.14 SYS014 : "Invalid value for attribute: <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.15 SYS015 : "Job created successfully."**

**3.2.28.16 SYS016 : "Job completed with errors"**

**3.2.28.17 SYS017 : "Job did not complete successfully."**

**3.2.28.18 SYS018 : "Job completed successfully."**

**3.2.28.19 SYS019 : "Required dependency input not found."**

**3.2.28.20 SYS020 : "Invalid required Attribute value."**

**3.2.28.21 SYS021 : "Unable to set the value for <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**3.2.28.22 SYS022 : "Resource allocation failure."**

**3.2.28.23 SYS023 : "No configuration changes pending."**

**3.2.28.24 SYS024 : "Attribute dependency checking did not complete successfully."**

**3.2.28.25 SYS025 : "Unable to delete pending configuration."**

**3.2.28.26 SYS029 : "Unsupported parameter name <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**3.2.28.27 SYS030 : "Collecting component configuration information."**

**3.2.28.28 SYS031 : "Updating component configuration."**

**3.2.28.29 SYS032 : "Staged component configuration is complete."**

**3.2.28.30 SYS033 : "Staged component configuration completed with errors."**

**3.2.28.31 SYS034 : "Performing component configuration for: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "NIC.Integrated.1-1.1"

**3.2.28.32 SYS035 : "Some configuration values were not applied to: <device name>"**

When event is generated, message will have the following substitutions:

- <device name> = "BIOS.Setup.1-1"

**3.2.28.33 SYS036 : "Unable to apply the configuration to the component."**

**3.2.28.34 SYS037 : "Component update initialization failure."**

**3.2.28.35 SYS038 : "Missing or corrupt configuration information."**

**3.2.28.36 SYS039 : "Verification of requested configuration changes failed."**

**3.2.28.37 SYS040 : "The firmware update operation did not complete successfully."**

**3.2.28.38 SYS041 : "Unable to apply some component configuration values."**

**3.2.28.39 SYS042 : "Component configuration successfully completed."**

**3.2.28.40 SYS043 : "Successfully exported system configuration XML file."**

**3.2.28.41 SYS044 : "Unable to export one or more component configurations."**

**3.2.28.42 SYS045 : "Unable to copy the system configuration XML file to the network share."**

**3.2.28.43 SYS046 : "Unable to import the system configuration XML file from the network share."**

**3.2.28.44 SYS047 : "Input file for system configuration XML is not compliant with configuration schema."**

**3.2.28.45 SYS048 : "System configuration XML input file contains invalid characters, <character> at line <line>."**

When event is generated, message will have the following substitutions:

- <character> = "invalidchar"

- <line> = "linenumber"

**3.2.28.46 SYS050 : "The system configuration XML file for import configuration is not compliant with schema nesting checks."**

**3.2.28.47 SYS051 : "The system could not be shut down within the specified time."**

**3.2.28.48 SYS052 : "Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied."**

**3.2.28.49 SYS053 : "Successfully imported and applied system configuration XML file."**

**3.2.28.50 SYS054 : "No configuration changes requiring a system restart need to be applied."**

**3.2.28.51 SYS055 : "Import of system configuration XML file operation completed with errors."**

**3.2.28.52 SYS056 : "Waiting for the system to shut down."**

**3.2.28.53 SYS057 : "Exporting system configuration XML file."**

**3.2.28.54 SYS058 : "Applying configuration changes."**

**3.2.28.55 SYS059 : "Component configuration successfully changed."**

**3.2.28.56 SYS060 : "Component configuration completed with errors."**

**3.2.28.57 SYS061 : "Unable to complete component configuration."**

**3.2.28.58 SYS062 : "Input file for import configuration operation is invalid. The expected XML root element was not found."**

**3.2.28.59 SYS063 : "Input file for import configuration operation is invalid. The expected root element was not closed."**

**3.2.28.60 SYS064 : "Input file for import configuration operation is invalid at line <line>."**

When event is generated, message will have the following substitutions:

- <line> = "lineNum"

**3.2.28.61 SYS065 :** "Input file for import configuration operation cannot be found or opened."

**3.2.28.62 SYS066 :** "No changes detected for iDRAC, System, or Lifecycle Controller configuration."

**3.2.28.63 SYS067 :** "Unable to complete application of configuration XML file values."

**3.2.28.64 SYS068 :** "Configuration changes that require system reboot were not applied."

**3.2.28.65 SYS069 :** "No changes were applied since the current component configuration matched the requested configuration."

**3.2.28.66 SYS070 :** "Configuration changes that require system reboot were not applied."

**3.2.28.67 SYS071 :** "System configuration XML export operation timed-out."

**3.2.28.68 SYS072 :** "System configuration XML import operation timed-out."

**3.2.28.69 SYS073 :** "Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the configuration XML."

**3.2.28.70 SYS074 :** "Unable to apply configuration changes because another configuration job is in progress."

**3.2.28.71 SYS075 :** "Unable to perform the import operation because the specified file does not exist on the remote share."

**3.2.28.72 SYS076 :** "Invalid or unsupported component specified in the input configuration XML file."

**3.2.28.73 SYS077 :** "Unable to perform the preview operation because the specified file does not exist on the remote share."

**3.2.28.74 SYS078 :** "Unable to retrieve the system configuration XML file from the network share for preview."

**3.2.28.75 SYS079 :** "The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema."

**3.2.28.76 SYS080 :** "Preview of system configuration XML file import operation indicated that no configuration changes will be successful."

**3.2.28.77 SYS081 :** "Successfully previewed system configuration XML file import operation."

**3.2.28.78 SYS082 :** "Completed the preview of system configuration XML file import operation. Some changes specified in the configuration XML will not be successfully applied in an import operation."

**3.2.28.79 SYS087 :** "A system reboot will occur when the previewed configuration XML file is

imported to the system."

**3.2.28.80 SYS088 : "Estimated time for applying configuration changes is <configuration time> seconds."**

When event is generated, message will have the following substitutions:

- <configuration time> = "seconds"

**3.2.28.81 SYS089 : "Preview of system configuration XML file is complete."**

**3.2.28.82 SYS090 : "The configuration XML input file contains unsupported DOCTYPE tags."**

**3.2.28.83 SYS091 : "Unable to complete the operation because the method is not supported."**

**3.2.28.84 SYS097 : "The state of Lifecycle Controller is disabled by the configuration XML import operation."**

**3.2.28.85 SYS100 : "Unable to find an FQDD match for the token <tokenname>"**

When event is generated, message will have the following substitutions:

- <tokenname> = "tokenname"

**3.2.28.86 SYS141 : "Lifecycle Controller data is deleted."**

**3.2.28.87 SYS142 : "The OS driver pack is deleted."**

**3.2.28.88 SYS143 : "ePSA Diagnostics are deleted."**

**3.2.28.89 SYS144 : "Starting controller hardware cache data erase operations."**

**3.2.28.90 SYS145 : "vFlash SD Card data is deleted."**

**3.2.28.91 SYS146 : "Starting secure erase-capable drive erase operations."**

**3.2.28.92 SYS147 : "Starting non-secure erase-capable drive erase operations."**

**3.2.28.93 SYS148 : "BIOS is configured to reset to defaults on next system restart."**

**3.2.28.94 SYS149 : "The process of resetting iDRAC to default settings is initiated."**

**3.2.28.95 SYS150 : "Starting System Erase operation. Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**3.2.28.96 SYS151 : "Completed System Erase Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**3.2.28.97 SYS152 : "Erase operations for some System Erase tasks did not complete successfully."**

**3.2.28.98 SYS153 : "Deleting hardware cache data for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**3.2.28.99 SYS154 : "Initiating secure erase operation on secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**3.2.28.100 SYS155 : "Initiating clear operation on non-secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"



- 3.2.28.101 SYS156 :** "Erase operations for System Erase tasks successfully completed."
- 3.2.28.102 SYS157 :** "Unable to successfully complete requested System Erase tasks."
- 3.2.28.103 SYS158 :** "Hardware cache erase is unsuccessful."
- 3.2.28.104 SYS159 :** "vFlash SD Card erase unsuccessful."
- 3.2.28.105 SYS160 :** "The Lifecycle Controller logs are cleared."
- 3.2.28.106 SYS161 :** "Tech Support Report related non-volatile storage deleted."
- 3.2.28.107 SYS162 :** "Turning on the server to perform System Erase tasks."
- 3.2.28.108 SYS163 :** "The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts."
- 3.2.28.109 SYS164 :** "Access to Lifecycle Controller internal storage was not acquired."
- 3.2.28.110 SYS168 :** "Unable to complete the System Erase job because another operation is in progress."
- 3.2.28.111 SYS170 :** "The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together."
- 3.2.28.112 SYS171 :** "Unable to successfully complete the import operation because not all hash password values have been entered."
- 3.2.28.113 SYS175 :** "No device configuration could be identified for the specified FQDDs."
- 3.2.28.114 SYS176 :** "Unable to update the OSApp Health Data using the iSM OS Collector plugin option because the relevant service module is not running"

### **3.2.29 Subcategory= Test Alert [MessageID prefix =TST]**

- 3.2.29.1 TST100 :** "The operation was successful."
- 3.2.29.2 TST101 :** "Resource allocation failure."
- 3.2.29.3 TST102 :** "Email alert destination address not configured."
- 3.2.29.4 TST103 :** "Missing parameters <parameter names>"

When event is generated, message will have the following substitutions:

- <parameter names> = "parameter names"

**3.2.29.5 TST104 : "SNMP traps not configured."**

**3.2.29.6 TST105 : "Invalid parameter value for <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**3.2.29.7 TST106 : "Email alert destination address not configured."**

### **3.2.30 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**3.2.30.1 UEFI0027 : "The system must be restarted for the new license to become effective."**

**3.2.30.2 UEFI0030 : "A keyboard device is not connected to the system."**

**3.2.30.3 UEFI0033 : "Default system BIOS settings are in use because NVRAM\_CLR jumper is installed on the system board."**

**3.2.30.4 UEFI0035 : "The BIOS passwords are disabled because the PWRD\_EN jumper is removed from the system board."**

**3.2.30.5 UEFI0042 : "Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid."**

**3.2.30.6 UEFI0043 : "Unable to enable the TXT feature because the processor does not support TXT."**

**3.2.30.7 UEFI0044 : "Unable to enable the TXT feature because the motherboard chipset does not support TXT."**

**3.2.30.8 UEFI0045 : "Unable to enable the TXT feature because a TPM chip is not present."**

**3.2.30.9 UEFI0059 : "The Power Supply Units (PSUs) in the system do not match."**

**3.2.30.10 UEFI0060 : "Power required by the system exceeds the power supplied by the Power Supply Units (PSUs)."**

**3.2.30.11 UEFI0068 : "The mezzanine card configuration used is not supported on this Chassis."**

**3.2.30.12 UEFI0071 : "One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled."**

**3.2.30.13 UEFI0072 : "Unable to load the firmware from <device name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <device name> = "Integrated NIC 1 Port 2 partion 1"

**3.2.30.14 UEFI0073 : "Unable to boot <Boot Option name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <Boot Option name> = "Disk connected to USB Front Port 1: Datastick Pro"

**3.2.30.15 UEFI0074 : "The Secure Boot policy has been modified since the last time the system was started."**

**3.2.30.16 UEFI0075 : "Network Daughter Card 1 is not detected."**

**3.2.30.17 UEFI0081 : "Memory size has changed from the last time the system was started."**

**3.2.30.18 UEFI0086 : "Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**3.2.30.19 UEFI0087 : "Unsupported 4Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**3.2.30.20 UEFI0088 : "Unsupported 8Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**3.2.30.21 UEFI0089 : "Incompatible x16 data bus width DIMM is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**3.2.30.22 UEFI0090 : "A DIMM with an incompatible number of ranks is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A6"

**3.2.30.23 UEFI0091 : "A Quad-Rank (QR) DIMM is installed on memory slot: <slot number>. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**3.2.30.24 UEFI0092 : "The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit."**

**3.2.30.25 UEFI0093 : "The DIMM installed on the memory slot: <slot number> does not meet the minimum supported frequency."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**3.2.30.26 UEFI0094 : "Unsupported Non-ECC memory module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A2"

**3.2.30.27 UEFI0095 : "A DIMM with unsupported voltage is installed on memory slot <Slot>."**

When event is generated, message will have the following substitutions:

- <Slot> = "A2"

**3.2.30.28 UEFI0096 : "Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode."**

**3.2.30.29 UEFI0097 : "Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations."**

**3.2.30.30 UEFI0099 : "Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature."**

**3.2.30.31 UEFI0100 : "Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations."**

**3.2.30.32 UEFI0101 : "Total amount of installed memory has exceeded limit."**

**3.2.30.33 UEFI0102 : "Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature."**

**3.2.30.34 UEFI0104 : "The DIMM module on memory slot <slot> is populated out of order in the DIMM channel."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**3.2.30.35 UEFI0105 :** "Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration."

**3.2.30.36 UEFI0113 :** "Unable to enable the Fault Resilient Memory (FRM) feature because the current DIMM population or hardware configuration does not support the feature."

**3.2.30.37 UEFI0114 :** "Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations."

**3.2.30.38 UEFI0124 :** "The size and speed of the secondary SD card do not match those of the primary SD card."

**3.2.30.39 UEFI0126 :** "The primary SD card is in write-protected mode."

**3.2.30.40 UEFI0127 :** "The secondary SD card is in write-protected mode."

**3.2.30.41 UEFI0128 :** "Both the primary and secondary SD cards are in write-protected mode."

**3.2.30.42 UEFI0130 :** "The system time and date are invalid."

**3.2.30.43 UEFI0131 :** "Unable to load one or more option ROMs because of insufficient shadow memory."

**3.2.30.44 UEFI0132 :** "Unable to load one or more option ROMs because of insufficient base memory."

**3.2.30.45 UEFI0133 :** "Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings."

**3.2.30.46 UEFI0134 :** "Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory."

**3.2.30.47 UEFI0143 :** "Unsupported processor(s) are installed."

**3.2.30.48 UEFI0145 :** "The Trusted Platform Module (TPM) installed on this system is not supported."

**3.2.30.49 UEFI0147 :** "The system hardware or cabling configuration is invalid."

### **3.2.31 Subcategory= User Tracking [MessageID prefix =USR]**

**3.2.31.1 USR100 :** "The command was successful."

**3.2.31.2 USR101 :** "Resource allocation failure"

**3.2.31.3 USR102 :** "Invalid parameter value for <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

#### **3.2.31.4 USR103 : "Missing parameters <parameter names>."**

When event is generated, message will have the following substitutions:

- <parameter names> = "PARAM1"

#### **3.2.31.5 USR104 : "Unable to perform the operation due to an unknown error in iDRAC."**

#### **3.2.31.6 USR105 : "The account is not configured."**

### **3.2.32 Subcategory= vFlash Media [MessageID prefix =VF]**

#### **3.2.32.1 VF001 : "Command successful."**

#### **3.2.32.2 VF002 : "General failure"**

#### **3.2.32.3 VF003 : "Missing required parameter: <parameter name>"**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

#### **3.2.32.4 VF004 : "Invalid value for the parameter: <parameter name>"**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

3.2.32.5 VF005 : "Empty partition creation successful"

3.2.32.6 VF006 : "Empty partition creation failed"

3.2.32.7 VF007 : "Image partition creation successful"

3.2.32.8 VF008 : "Image partition creation did not complete successfully."

3.2.32.9 VF009 : "Partition formatting successful"

3.2.32.10 VF010 : "Partition formatting did not complete successfully."

3.2.32.11 VF011 : "Wrong password"

3.2.32.12 VF012 : "SD card not present"

3.2.32.13 VF013 : "SD card locked"

3.2.32.14 VF014 : "vFlash not disabled"

3.2.32.15 VF015 : "vFlash not enabled"

3.2.32.16 VF016 : "SD card is read only"

3.2.32.17 VF017 : "SD card not initialized"

3.2.32.18 VF018 : "Invalid partition index"

3.2.32.19 VF019 : "Not enough space on SD card"

3.2.32.20 VF020 : "Exceeded maximum number of partitions"

3.2.32.21 VF021 : "Exceeded maximum partition size of 4GB"

3.2.32.22 VF022 : "Partition size below minimum"

3.2.32.23 VF023 : "Partition label not unique"

3.2.32.24 VF024 : "Partition locked"

3.2.32.25 VF025 : "Partition is read only"

3.2.32.26 VF026 : "Partition index in use"

3.2.32.27 VF027 : "Partition already attached"

3.2.32.28 VF028 : "Partition already detached"

3.2.32.29 VF029 : "Insufficient permission"

3.2.32.30 VF030 : "Invalid hash type"

3.2.32.31 VF031 : "Invalid partition label."

3.2.32.32 VF032 : "Invalid partition type."

3.2.32.33 VF033 : "Invalid partition format type."

3.2.32.34 VF034 : "Invalid partition access type."

could not be initialized."

**3.2.33.13 VFL0713 :** "One or more partitions are currently attached; the SD card could not be initialized."

**3.2.33.14 VFL0714 :** "SD card is not ready and could not be initialized."

**3.2.33.15 VFL0715 :** "Error occurred while initializing the SD Card due to insufficient permission."

**3.2.33.16 VFL0716 :** "SD Card is not a vFlash SD Card; the SD card could not be initialized."

**3.2.33.17 VFL0719 :** "One or more partitions are in use; the SD card could not be initialized."

**3.2.33.18 VFL0721 :** "Error occurred while initializing the SD Card due to a timeout."

### **3.2.34 Subcategory= Virtual Console [MessageID prefix =VRM]**

**3.2.34.1 VRM0015 :** "Virtual Console is ENABLED"

**3.2.34.2 VRM0016 :** "Virtual Console is DISABLED"

**3.2.34.3 VRM0017 :** "Virtual Media disconnect operation successful"

**3.2.34.4 VRM0018 :** "Virtual Media image server operation successful"

## **3.3 Category: Storage**

### **3.3.1 Subcategory= Battery Event [MessageID prefix =BAT]**

**3.3.1.1 BAT1000 :** "Battery on <controller name> is missing."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.2 BAT1001 :** "Battery on <controller name> was replaced."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.3 BAT1002 :** "The battery on <controller name> learn cycle has started."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"



#### **3.3.1.4 BAT1003 : "The battery on <controller name> learn cycle has completed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.5 BAT1004 : "The battery on <controller name> learn cycle has timed out."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.6 BAT1005 : "The battery on <Controller name> learn cycle has been postponed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.7 BAT1006 : "The battery on <Controller name> learn cycle will start in <arg> days."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <arg> = " 5"

#### **3.3.1.8 BAT1007 : "The battery on <Controller name> learn cycle will start in <arg> hours."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <arg> = " 5"

#### **3.3.1.9 BAT1008 : "Write policy on <controller name> was changed to Write Through."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.10 BAT1009 : "Write policy on <controller name> was changed to Write Back."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.11 BAT1010 : "Battery on <Controller name> requires reconditioning. Initiate a learn cycle."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.12 BAT1011 : "Battery on <Controller name> is in warn only mode and requires reconditioning."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.13 BAT1012 : "The <Controller name> battery temperature is above normal."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.14 BAT1013 : "Recharge count has exceeded the maximum limit for battery on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.15 BAT1014 : "<Controller name> battery charge in-progress."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.16 BAT1015 : "<Controller name> battery charge process is interrupted."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.17 BAT1016 : "The <Controller name> battery learn mode has changed to Auto."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.18 BAT1017 : "The <Controller name> battery learn mode has changed to Warn."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.19 BAT1018 : "Battery on <Controller name> is degraded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.20 BAT1019 : "Battery on <Controller name> is charging."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.21 BAT1020 : "The <Controller name> battery is executing a learn cycle."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.1.22 BAT1021 : "The charge level for the battery on <controller name> is below the normal threshold."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.23 BAT1022 : "<Controller name> battery recondition is completed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.1.24 BAT1023 : "The charge level for the battery on <controller name> is within normal limits."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.25 BAT1024 : "Errors detected with battery on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.26 BAT1025 : "<controller name> is unable to recover cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.27 BAT1026 : "The <controller name> has recovered cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.28 BAT1027 : "The battery on <controller name> completed a charge cycle."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.29 BAT1028 : "The battery voltage on <controller name> is low."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.1.30 BAT1029 : "The battery on <controller name> can no longer recharge."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.31 BAT1030 : "The <Controller name> battery charge level is normal."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.1.32 BAT1031 : "The battery temperature on <controller name> is above normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.33 BAT1032 : "The battery temperature on <controller name> is normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.34 BAT1033 : "The battery on <controller name> was removed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.35 BAT1034 : "The battery properties for <controller name> have changed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.1.36 BAT1035 : "The battery temperature on <controller name> is above the normal operating temperature."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.1.37 BAT1036 : "The battery on <controller name> is discharging."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

### **3.3.2 Subcategory= Cable [MessageID prefix =CBL]**

#### **3.3.2.1 CBL8500 : "SAS cable <cable id> to expander <expander id> is not connected."**

When event is generated, message will have the following substitutions:

- <cable id> = ""

#### **3.3.2.2 CBL8501 : "SAS cable <cable id> is connected to the incorrect expander."**

When event is generated, message will have the following substitutions:

- <cable id> = ""

### **3.3.3 Subcategory= Storage Contr [MessageID prefix =CTL]**

#### **3.3.3.1 CTL1 : "<Controller event log: <message>"**

When event is generated, message will have the following substitutions:

- <message> = "A foreign configuration was detected on RAID Controller in Slot 2"

#### **3.3.3.2 CTL2 : "<Controller name> rebuild rate has changed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.3 CTL3 : "<Controller name> alarm is enabled."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.4 CTL4 : "<Controller name> alarm is disabled."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.5 CTL5 : "Bad block replacement error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.6 CTL6 : "Bad block sense error from <Controller name>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.7 CTL7 : "Bad block medium error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.8 CTL8 : "Bad block extended sense error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.9 CTL9 : "Bad block extended medium error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.10 CTL10 : "<Controller name> alarm has been tested."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.11 CTL11 : "Configuration on <controller name> was reset."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.12 CTL12 : "An invalid SAS configuration has been detected on <Controller name>. Details: <error message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <error message> = "SAS topology error: SMP function failed"

#### **3.3.3.13 CTL13 : "The <Controller name> cache has been discarded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.14 CTL14 : "Single-bit ECC error limit exceeded on the <controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.15 CTL16 : "None of the <Controller name> properties are set."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.16 CTL17 : "<Controller Name> <propertyname> is changed to <new value>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"
- <propertyname> = "rebuildrate"
- <new value> = "50%"

#### **3.3.3.17 CTL18 : "Load Balance and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.18 CTL19 : "Abort CC on Error, Copyback, and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.19 CTL20 : "Copyback and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.20 CTL21 : "Abort CC on Error and Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.21 CTL22 : "Load Balance has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.22 CTL23 : "Copyback and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.23 CTL24 : "Abort CC on Error and Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.24 CTL25 : "Auto Copyback on Predictive Failure has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.25 CTL26 : "Copyback and Abort CC on Error has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.26 CTL27 : "The <Controller name> alarm is silenced."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.27 CTL28 : "The Background Initialization (BGI) rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.28 CTL29 : "The Patrol Read rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.29 CTL30 : "The Check Consistency rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.30 CTL31 : "Copyback is modified for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.31 CTL32 : "Abort CC on Error is modified for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.32 CTL33 : "The <Controller name> debug log file has been exported."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.33 CTL34 : "A foreign configuration was cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.34 CTL35 : "A foreign configuration was imported on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.35 CTL36 : "The Patrol Read mode has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.36 CTL37 : "A Patrol Read operation started for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.37 CTL38 : "The Patrol Read operation completed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.38 CTL39 : "The <Controller name> reconstruct rate has changed."**

When event is generated, message will have the following substitutions:



- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.39 CTL40 : "Multi-bit ECC error on <Controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.40 CTL41 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.41 CTL42 : "Enclosure Management Module (EMM) hot plug is not supported on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.42 CTL43 : "Diagnostic message <args> from <Controller name>"**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.43 CTL44 : "Diagnostic message <message> from <Controller name>"**

When event is generated, message will have the following substitutions:

- <message> = "BBU Retention test failed!"
- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.44 CTL45 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.45 CTL46 : "Single-bit ECC error. The <Controller name> DIMM is critically degraded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.46 CTL47 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.47 CTL48 : "A foreign configuration was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.48 CTL49 : "The NVRAM has corrupted data on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.49 CTL50 : "The <Controller name> NVRAM has corrupt data."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.50 CTL51 : "<Controller name> SAS port report: <message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <message> = "SAS wide port 0 lost link on PHY 0"

#### **3.3.3.51 CTL52 : "<Controller name> SAS port report: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented."

#### **3.3.3.52 CTL53 : "A controller hot plug has been detected."**

#### **3.3.3.53 CTL54 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **3.3.3.54 CTL55 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **3.3.3.55 CTL56 : "<Controller name> event log: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **3.3.3.56 CTL57 : "The factory default settings were restored on <controller Name>."**

When event is generated, message will have the following substitutions:

- <controller Name> = "RAID Controller in Slot 5"

### **3.3.3.57 CTL58 : "<Controller name> SAS SMP communications error <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

### **3.3.3.58 CTL59 : "<Controller name> SAS expander error: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

### **3.3.3.59 CTL60 : "A user has discarded data from the <Controller name> cache."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

### **3.3.3.60 CTL61 : "Physical disks found missing from configuration during boot time on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

### **3.3.3.61 CTL62 : "<VD names> on <Controller name> has missing drives and will go offline at boot."**

When event is generated, message will have the following substitutions:

- <VD names> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

### **3.3.3.62 CTL63 : "Previous configuration was found completely missing during time boot on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

### **3.3.3.63 CTL64 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

### **3.3.3.64 CTL65 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"

- <Controller name> = " RAID Controller in Slot 5"

**3.3.3.65 CTL66 : "Attempted to import Unsupported Virtual Disk type RAID<args> on <Controller name>."**

When event is generated, message will have the following substitutions:

- <args> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

**3.3.3.66 CTL67 : "Attempted to import Virtual Disk with missing span on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.67 CTL68 : "Attempted to import Virtual Disk with missing Physical Disk on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.68 CTL69 : "Attempted to import virtual disk with outdated physical disk information on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.69 CTL70 : "Attempted to import an orphan drive on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.70 CTL71 : "Attempted to import an incompatible Physical Disk on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.71 CTL72 : "The foreign configuration overflow has occurred on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.72 CTL73 : "Foreign configuration is imported only partially. Some configurations failed to import on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

**3.3.3.73 CTL74 : "Preserved cache detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.74 CTL75 : "Preserved cache discarded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.75 CTL76 : "A configuration command could not be committed to disk on <Controller name>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **3.3.3.76 CTL77 : "Flash of new firmware image(s) completed on <Controller Name>"**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"

#### **3.3.3.77 CTL78 : "Firmware image <args> is flashing on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <args> = "21.0.1-0132"
- <Controller Name> = "RAID Controller in Slot 5"

#### **3.3.3.78 CTL79 : "Controller in <controller slot> is not supported and will not be powered on."**

When event is generated, message will have the following substitutions:

- <controller slot> = "RAID Controller in Slot 5"

#### **3.3.3.79 CTL80 : "<controller name> experienced the following warning during startup: <controller message>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

#### **3.3.3.80 CTL81 : "Security key assigned to <controller name> is modified."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.81 CTL82 : "<controller name> is functioning normally."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.82 CTL83 : "Communication with <controller name> has been lost."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.83 CTL84 : "<controller name> is running an unsupported firmware version."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.84 CTL85 : "<controller name> is operating at less than optimal bandwidth."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.85 CTL86 : "<controller name> is operating in Fault Tolerant Mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.86 CTL87 : "<controller name> settings do not match the settings of its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.87 CTL88 : "<controller name> firmware does not match the firmware of its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.88 CTL89 : "<controller name> is no longer fault tolerant because the peer controller is not available."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.89 CTL90 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.90 CTL91 : "<controller name> is unable to communicate with its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.91 CTL92 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 6"

#### **3.3.3.92 CTL93 : "<controller name> has been successfully changed to operate in Fault Tolerant mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.93 CTL94 : "<controller name> has been successfully changed to operate in single controller mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.94 CTL95 : "<controller name> has left the fault tolerant pair."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.95 CTL96 : "<controller name> has entered safe mode with limited functionality due to <controller message>"**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

#### **3.3.3.96 CTL97 : "<controller name> personality changed to <new mode> mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <new mode> = " HBA"

#### **3.3.3.97 CTL98 : "Security key assigned to <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.98 CTL99 : "Security key assigned to <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.99 CTL100 : "The Patrol Read operation aborted for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.100 CTL101 : "The <controller name> is disabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.101 CTL102 : "The <controller name> is enabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **3.3.3.102 CTL200 : "The current firmware version <version number> is older than the required version <version number> for <controller name>."**

When event is generated, message will have the following substitutions:

- <version number> = "5.1.10.10"
- <version number> = "5.1.10.15"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.103 CTL201 : "The current driver version <major version number> (<minor version number>) is older than the required driver version <major version number> (<minor version number>) for <controller name>."**

When event is generated, message will have the following substitutions:

- <major version number> = "4.17.02.32"
- <minor version number> = "percsas"
- <major version number> = "4.17.02.35"
- <minor version number> = "percsas"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.104 CTL202 : "Unable to open the firmware and driver configuration file <file name> of <controller name>."**

When event is generated, message will have the following substitutions:

- <file name> = "lsiver.cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.105 CTL203 : "Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.106 CTL204 : "Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.107 CTL205 : "Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:



- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.108 CTL206 : "Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.109 CTL207 : "Unable to import the Virtual Disk because the supported limit is exceeded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.110 CTL208 : "Unable to authenticate the entered passphrase for the <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.111 CTL209 : "Enabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.112 CTL210 : "Disabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.113 CTL211 : "The <property name> property changed on <controller name> through Manage Physical Disk Power option."**

When event is generated, message will have the following substitutions:

- <property name> = "timeinterval"
- <controller name> = " Controller 1 (PERC H800 Adapter)"

**3.3.3.114 CTL212 : "The existing encryption key in the <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.115 CTL213 : "The Local Key Management (LKM) is enabled on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.3.116 CTL214 : "The Local Key Management (LKM) encryption key in the <controller name> has changed."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.117 CTL215 : "Redundant path disconnected on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.118 CTL216 : "Redundant path connection is restored on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **3.3.3.119 CTL217 : "Redundant path view is cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

### **3.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG]**

#### **3.3.4.1 DIAG0141 : "Hard Drive - No Hard Drive detected."**

#### **3.3.4.2 DIAG0142 : "Hard Drive <Drive Location> - S/N <Serial Number>, <DST Short, DST Long> self test unsuccessful <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "WD-WMAT16606510"
- <DST Short, DST Long> = "DST Long"
- <Error Reason> = ", terminated"

#### **3.3.4.3 DIAG0143 : "Hard Drive <Drive Location> - SMART read command unsuccessful."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

#### **3.3.4.4 DIAG0144 : "Hard Drive <Drive Location> - self test not supported."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

#### **3.3.4.5 DIAG0145 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test did not complete."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "2-1-0"
- <Serial Number> = "6XM0XEQ2"

#### **3.3.4.6 DIAG0146 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test log contains previous error(s)."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "B363P5B000HM"

#### **3.3.4.7 DIAG0147 : "Optical Drive <Nth Drive> - Self test: <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Error Reason> = "DRAM test failed"

#### **3.3.4.8 DIAG0148 : "Hard/Optical Drive <Nth Drive> - incorrect status: <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "1"
- <Hex> = "0x44"
- <Error Reason> = "Uncorrectable data error"

#### **3.3.4.9 DIAG0149 : "Optical Drive - no drive detected."**

#### **3.3.4.10 DIAG0150 : "Hard Drive - No Hard Drive detected, or disk controller not supported."**

#### **3.3.4.11 DIAG0151 : "Hard Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "6XM0XEQ2"
- <8000000000000000??> = "80000000000018"
- <Error Reason> = ""

#### **3.3.4.12 DIAG0152 : "Optical Drive <Nth Drive> - Incorrect status = <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Hex> = "8000000000007"
- <Error Reason> = ""

#### **3.3.4.13 DIAG0154 : "Tape Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

- <8000000000000000??> = "80000000000018"
- <Error Reason> = ""

#### **3.3.4.14 DIAG0155 : "Hard Drive - Not installed."**

#### **3.3.4.15 DIAG8154 : "Tape Drive <Drive Location> - S/N <Serial Number>, ULTRIUM <Generation> media found but drive requires ULTRIUM <Generation> for <writes>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "3"
- <Generation> = "4, 5, or 6"
- <Generation> = "6"
- <writes> = "writes"

#### **3.3.4.16 DIAG8155 : "Tape Drive <Drive Location> - S/N <Serial Number>, data read does not match data written."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **3.3.4.17 DIAG8156 : "Tape Drive <Drive Location> - S/N <Serial Number>, no media, cannot test drive."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **3.3.4.18 DIAG8157 : "<Tape|Disk> Drive <Drive Location> - S/N <Serial Number>, drive is not a supported drive."**

When event is generated, message will have the following substitutions:

- <Tape|Disk> = "Tape"
- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **3.3.4.19 DIAG8158 : "<Backplane|Expander|RD1000> Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Backplane|Expander|RD1000> = "Backplane"
- <Drive Location> = "0"
- <Serial Number> = "12300398"
- <8000000000000000??> = "80000000000007"
- <Error Reason> = ""

#### **3.3.4.20 DIAG8160 : "PERC Battery <PERC Controller Location> - incorrect status = <80000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <PERC Controller Location> = "0"
- <80000000000000??> = "8000000000000000"
- <Error Reason> = "Battery missing or disconnected"

#### **3.3.4.21 DIAG8166 : "OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application."**

### **3.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC]**

#### **3.3.5.1 ENC1 : "<Enclosure Management Module Name> was inserted."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **3.3.5.2 ENC2 : "<Enclosure Management Module Name> was removed.."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **3.3.5.3 ENC3 : "<Enclosure Name> is shutdown."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.4 ENC4 : "<Enclosure Name> firmware mismatch."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.5 ENC5 : "Redundancy on <Enclosure Name> is degraded"**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.6 ENC6 : "Communication timeout on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.7 ENC7 : "The <Enclosure Name> alarm was enabled."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.8 ENC8 : "The <Enclosure Name> alarm was disabled."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.9 ENC9 : "The <Enclosure Name> asset tag was changed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.10 ENC10 : "The <Enclosure Name> asset name was changed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.11 ENC11 : "The <enclosure name> service tag was changed."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.12 ENC12 : "Communication resumed on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.13 ENC13 : "Unsupported configuration detected on <Enclosure Name>. <EMM0 1> <EMM1 2>"**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "not implemented"
- <EMM0 1> = "not implemented"
- <EMM1 2> = "not implemented"

#### **3.3.5.14 ENC14 : "The number of enclosures connected on <controller name> has exceeded the maximum limit supported by the controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "port 0 of Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.15 ENC15 : "An enclosure blink operation has initiated on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.5.16 ENC16 : "An enclosure blink has ceased on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.17 ENC17 : "An Enclosure Management Module (EMM) has been discovered on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.18 ENC18 : "Communication with <enclosure name> was lost."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.19 ENC19 : "<Enclosure Management Module Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

**3.3.5.20 ENC21 : "<Enclosure elements name> has been removed."**

When event is generated, message will have the following substitutions:

- <Enclosure elements name> = "FAN1000"

**3.3.5.21 ENC22 : "The <Enclosure Name> has a bad sensor <args>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " not implemented"

**3.3.5.22 ENC23 : "<enclosure name> - Issue with PHY <PHY data>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <PHY data> = " not implemented"

**3.3.5.23 ENC24 : "Communication with <enclosure name> is intermittent."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.24 ENC25 : "<enclosure name> has a hardware error."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.25 ENC26 : "<enclosure name> is not responding."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.26 ENC27 : "SAS or SATA mixing of physical disks is not supported within the <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.27 ENC28 : "Enclosure Management Module (EMM) firmware version mismatch detected in <enclosure name>.<EMM 0 version> <EMM 1 version>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <EMM 0 version> = ".12"
- <EMM 1 version> = ".11"

**3.3.5.28 ENC29 : "<Enclosure Name> temperature has returned to normal."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.29 ENC30 : "<Enclosure Name> firmware download is in-progress."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.30 ENC31 : "Firmware download on <Enclosure Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.31 ENC32 : "Storage Enclosure Processor (SEP) for <Enclosure Name> has been rebooted."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.32 ENC33 : "Redundancy on <Enclosure Name> is normal."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.5.33 ENC40 : "A new enclosure was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**3.3.5.34 ENC100 : "<enclosure name> is sending inconsistent responses to the controller."**

When event is generated, message will have the following substitutions:



- <enclosure name> = "Enclosure 0:0 on Controller 1 at Connector 0"

### **3.3.6 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **3.3.6.1 FAN1000 : "<Fan Sensor Name> was removed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.6.2 FAN1001 : "<Fan Sensor Name> has been inserted."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **3.3.6.3 FAN1002 : "<Fan Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

### **3.3.7 Subcategory= Unknown [MessageID prefix =FLDC]**

#### **3.3.7.1 FLDC1001 : "The journal mirror at path = <World Wide Name> is available."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **3.3.7.2 FLDC1002 : "The following journal mirror is being replaced: File Path Name = <file path>."**

When event is generated, message will have the following substitutions:

- <file path> = ""

#### **3.3.7.3 FLDC1003 : "Cache flushing has started for the virtual disk with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **3.3.7.4 FLDC1004 : "Cache flushing has completed for the virtual disk with WWN = <World Wide name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide name> = ""

#### **3.3.7.5 FLDC1006 : "The cache device <physical disk name> with WWN = <World Wide Name> and path = <device pathname> is registered."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**3.3.7.6 FLDC1007 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

**3.3.7.7 FLDC1008 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is being removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

**3.3.7.8 FLDC1009 : "Caching is being removed for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**3.3.7.9 FLDC1010 : "Caching is enabled on the <virtual disk name> with wwn = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**3.3.7.10 FLDC1012 : "Caching is disabled for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**3.3.7.11 FLDC1013 : "The cached LUN with WWN = <World Wide Name> and path = <device pathname> for <virtual disk name> has had a failure."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**3.3.7.12 FLDC1014 : "Replication of the cache device <physical device name> with WWN = <World Wide Name> and path = <device pathname> is complete."**

When event is generated, message will have the following substitutions:

- <physical device name> = ""

**3.3.7.13 FLDC1015 : "Recovery of the cache device <physical disk name> with wwn = <World Wide Name> and path = <device pathname> is complete."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**3.3.7.14 FLDC1016 : "A valid permanent license is installed for Fluid Cache."**

**3.3.7.15 FLDC1017 : "A license has been installed for Fluid Cache."**

**3.3.7.16 FLDC1018 : "A license has been removed for Fluid Cache."**

**3.3.7.17 FLDC1019 : "All cache devices have been found and registered for Fluid Cache."**

**3.3.7.18 FLDC1020 : "The storage device with WWN = <wwn name> and path = <path name> is in unknown state."**

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**3.3.7.19 FLDC1021 : "The journal mirror entry with WWN = <World Wide Name> is not accessible."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**3.3.7.20 FLDC1022 : "The associated server of the Cache Device <physical disk name> with WWN = <World Wide Name> is not configured."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**3.3.7.21 FLDC1023 : "Fluid Cache is running on an evaluation license and the evaluation license expires in <days> days."**

When event is generated, message will have the following substitutions:

- <days> = ""

**3.3.7.22 FLDC1024 :** "Caching was enabled in write-back mode, but it is currently operating in write-through mode."

**3.3.7.23 FLDC1025 :** "Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode."

**3.3.7.24 FLDC1026 :** "Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache."

**3.3.7.25 FLDC1027 :** "Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache."

**3.3.7.26 FLDC1028 :** "OMSS Connection to Fluid Cache service is no longer present."

**3.3.7.27 FLDC1029 :** "There are not enough journal mirrors available for Fluid Cache to operate."

**3.3.7.28 FLDC1030 :** "The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache."

**3.3.7.29 FLDC1031 :** "The journal could not be read or written to for Fluid Cache."

**3.3.7.30 FLDC1032 :** "The cache device with WWN = <wwn name> and path = <path name> is no longer functional."

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**3.3.7.31 FLDC1033 :** "The storage device WWN = <wwn name> and path = <path name> is either inaccessible or no longer functional."

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**3.3.7.32 FLDC1034 :** "A valid license is not installed for Fluid Cache."

**3.3.7.33 FLDC1035 :** "Configuration changes are not allowed, because Fluid cache is running on an expired evaluation licesnse (Expired days: <number of days>)."

When event is generated, message will have the following substitutions:

- <number of days> = ""

**3.3.7.34 FLDC1036 :** "Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days: <number of days>)."

When event is generated, message will have the following substitutions:

- <number of days> = ""

**3.3.7.35 FLDC1037 :** "Configuration changes are disabled, because Fluid cache is running on an expired or invalid license."

**3.3.7.36 FLDC1038 :** "There is not enough memory capacity to run necessary services for Fluid Cache."

**3.3.7.37 FLDC1039 :** "One or more cache devices are missing, resulting in Fluid Cache to be unresponsive."

### **3.3.8 Subcategory= Physical Disk [MessageID prefix =PDR]**

**3.3.8.1 PDR1 :** "<physical disk> copyback stopped for rebuild."

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.2 PDR2 :** "Insufficient space available on <physical disk> to perform a copyback operation."

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.3 PDR3 :** "<PD Name> is not functioning correctly."

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.4 PDR4 :** "<physical disk> returned to a ready state."

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.5 PDR5 :** "<PD Name> is removed."

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.6 PDR6 :** "<physical disk> is offline."

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.7 PDR7 :** "<physical disk> has degraded."

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.8 PDR8 :** "<PD Name> is inserted."

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.9 PDR9 : "Initialization has started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.10 PDR10 : "<physical disk> rebuild has started."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.11 PDR11 : "<physical disk> rebuild was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.12 PDR12 : "<PD Name> initialization has failed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.13 PDR13 : "<physical disk> rebuild has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.14 PDR14 : "<PD Name> initialization is complete."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.15 PDR15 : "<physical disk> rebuild is complete."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.16 PDR16 : "Predictive failure reported for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.17 PDR17 : "Global hot spare assigned to <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.18 PDR18 : "Global hot spare unassigned from <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.19 PDR19 : "SMART FPT exceeded for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.20 PDR20 : "SMART configuration change for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.21 PDR21 : "SMART warning for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.22 PDR22 : "SMART warning temperature for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.23 PDR23 : "SMART warning degraded for <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.24 PDR24 : "Failure prediction threshold exceeded on <PD Name> due to test. No action needed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.25 PDR25 : "<PD Name> dead segments are removed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.26 PDR26 : "<physical disk> is online."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.27 PDR27 : "Dedicated hot spare assigned to <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.28 PDR28 : "Dedicated hot spare unassigned from <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.29 PDR29 : "Rebuild on <PD Name> completed with error(s)."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.30 PDR30 : "A global hot spare failed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.31 PDR31 : "A global hot spare has been removed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.32 PDR32 : "A dedicated hot spare failed.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.33 PDR33 : "A dedicated hot spare has been removed. <PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.34 PDR34 : "A dedicated hot spare has been automatically unassigned.<PD Name>"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.35 PDR35 : "The only hot spare available is a SATA disk <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.36 PDR36 : "The only hot spare available is a SAS disk <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.37 PDR37 : "The <physical device> is not supported."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.38 PDR38 : "A clear operation started on <physical disk>."**

When event is generated, message will have the following substitutions:



- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.39 PDR39 : "A blink operation has initiated on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.40 PDR40 : "The blink operation has ceased on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.41 PDR41 : "The clear operation on <physical disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.42 PDR42 : "<physical disk> has been started."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.43 PDR43 : "The clear operation on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.44 PDR44 : "The clear operation on <physical disk> failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.45 PDR46 : "Patrol Read found an uncorrectable media error on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.46 PDR47 : "A block on <physical disk> was punctured by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.47 PDR48 : "The <physical disk> rebuild has resumed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.48 PDR49 : "The dedicated hot spare <PD Name> is too small."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.49 PDR50 : "Insufficient space on the global hot spare <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.50 PDR51 : "Hot spare <physical disk> SMART polling has failed.<args>"**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " Error 123"

#### **3.3.8.51 PDR52 : "A redundant path is broken."**

#### **3.3.8.52 PDR53 : "A redundant path has been restored for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.53 PDR54 : "A disk media error on <physical disk> was corrected during recovery."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.54 PDR55 : "Insufficient space available on the <physical disk> to perform a rebuild."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.55 PDR56 : "Bad block table on <physical disk> is 80% full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.56 PDR57 : "Bad block table on <physical disk> is full. Unable to log block <logical block address >."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <logical block address > = "a1b1c1d1e1f1"

#### **3.3.8.57 PDR58 : "<PD Name>is incompatible."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.58 PDR59 : "A bad disk block was reassigned on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.59 PDR60 : "Error occurred on <physical disk> : <error code>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <error code> = " Error 123"

#### **3.3.8.60 PDR61 : "The rebuild of <physical disk> failed due to errors on the source physical disk."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.61 PDR62 : "The rebuild failed due to errors on the target <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.62 PDR63 : "A bad disk block on <physical disk> cannot be reassigned during a write operation."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.63 PDR64 : "An unrecoverable disk media error occurred on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.64 PDR65 : "<physical disk> is marked as missing."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.65 PDR66 : "<physical disk> that was marked as missing has been replaced."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.66 PDR67 : "An unsupported physical disk drive has been detected."**

#### **3.3.8.67 PDR68 : "Dedicated spare <PD Name> imported as global due to missing disk groups."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.68 PDR69 : "Rebuild not possible on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.69 PDR70 : "Copyback started from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **3.3.8.70 PDR71 : "Copyback completed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **3.3.8.71 PDR72 : "Copyback resumed on <physical disk> from <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **3.3.8.72 PDR73 : "Copyback failed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

#### **3.3.8.73 PDR74 : "Copyback cancelled on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.74 PDR75 : "Copyback stopped for hot spare <physical disk> ."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.75 PDR76 : "Copyback not possible as SAS or SATA mixing is not supported."**

#### **3.3.8.76 PDR77 : "<physical disk> state changed from READY to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.77 PDR78 : "<physical disk> state changed from Non-RAID to READY."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.78 PDR79 : "A user terminated Copyback from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = "Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

### **3.3.8.79 PDR81 : "Microcode update started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.80 PDR82 : "<physical disk> security was activated."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.81 PDR83 : "<PD Name> is reprovisioned."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.82 PDR84 : "<physical disk> Security key has changed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.83 PDR85 : "Security subsystem errors detected for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.84 PDR86 : "Bad block table on <physical disk> is full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.85 PDR87 : "<physical device> was reset."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.8.86 PDR88 : "Power state change failed on <PD Name>. (from <state> to <state>)"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <state> = "Spun Up"
- <state> = "Spun Down"

#### **3.3.8.87 PDR93 : "Microcode update on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.88 PDR94 : "Microcode update on <physical disk> has timed out."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.89 PDR95 : "Microcode update on <physical disk> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.90 PDR96 : "Security was disabled on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.91 PDR97 : "<physical disk> security key required."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.92 PDR98 : "Command timeout occurred on <physical disk>.<args>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = "CDB:1c01a0010000, Sense:5/24/00"

#### **3.3.8.93 PDR100 : "Dedicated Hot Spare <PD Name> no longer useful for all arrays."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.94 PDR101 : "Global Hot Spare <PD Name> does not cover all arrays."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.8.95 PDR102 : "The Patrol Read operation was manually stopped before completion."**

#### **3.3.8.96 PDR103 : "Cryptographic Erase operation is successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Param1"

**3.3.8.97 PDR104 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**3.3.8.98 PDR105 : "<physical disk> is assigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.99 PDR106 : "<physical disk> is unassigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.100 PDR107 : "<physical disk> is assigned as global hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.101 PDR108 : "<physical disk> is unassigned as global hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.8.102 PDR110 : "The <PCIe solid state device name> reliability has degraded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**3.3.8.103 PDR111 : "The volatile memory backup device on <PCIe solid state device name> is no longer functional."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

**3.3.8.104 PDR112 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"
- <percent> = " 80%"

**3.3.8.105 PDR113 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **3.3.8.106 PDR114 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **3.3.8.107 PDR115 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **3.3.8.108 PDR116 : "Predictive failure reported for <PCIe solid state device name>"**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **3.3.8.109 PDR117 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **3.3.8.110 PDR206 : "<physical disk name> is a solid state drive (SSD) that is not supported by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.111 PDR207 : "Unable to assign <physical disk name> as a dedicated hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.112 PDR208 : "Instant Secure Erase operation successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.113 PDR209 : "The power status of <physical disk name> is changed from <previous power status> to <current power status>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <previous power status> = "spundown"
- <current power status> = "spunup"

#### **3.3.8.114 PDR210 : "Successfully updated configuration data on the <physical disk name>."**

When event is generated, message will have the following substitutions:



- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.115 PDR211 : "<physical disk name> has encountered storage medium error."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.116 PDR212 : "The state of <physical disk name> changed from Ready to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.117 PDR213 : "The state of <physical disk name> changed from Non-RAID to Ready."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.118 PDR214 : "The <physical disk name> is not supported because it is not supplied by an authroized hardware provider."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.119 PDR215 : "Copyback task to <physical disk name> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.8.120 PDR9000 : "Foreign Configuration was detected on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.9 Subcategory= Power Supply [MessageID prefix =PSU]**

#### **3.3.9.1 PSU1000 : "Power supply cable has been removed from <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.2 PSU1001 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.3 PSU1002 : "<PSU Sensor Name> was removed"**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.4 PSU1003 : "<PSU Sensor Name> is switched OFF."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.5 PSU1004 : "Power supply cable has been inserted into <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.6 PSU1005 : "<PSU sensor name> is switched on."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.7 PSU1006 : "<PSU sensor name> was inserted."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.8 PSU1007 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.9.9 PSU1010 : "The DC power supply is switched off."**

#### **3.3.9.10 PSU1050 : "<power supply name> is switched ON."**

When event is generated, message will have the following substitutions:

- <power supply name> = "Power Supply 2 of Enclosure 0 on Controller 1 at Connector 0"

### **3.3.10 Subcategory= RAC Event [MessageID prefix =RAC]**

**3.3.10.1 RAC0500 :** "There are no batteries to be displayed."

**3.3.10.2 RAC0501 :** "There are no physical disks to be displayed."

**3.3.10.3 RAC0502 :** "There are no virtual disks to be displayed."

**3.3.10.4 RAC0503 :** "There are no out-of-band capable controllers to be displayed."

**3.3.10.5 RAC0504 :** "There are no enclosures to be displayed."

**3.3.10.6 RAC0505 :** "There are no devices to be displayed."

**3.3.10.7 RAC0506 :** "You do not have privileges to perform this operation."

**3.3.10.8 RAC0507 :** "Unable to find the requested resource."

**3.3.10.9 RAC0508 :** "An unexpected error occurred."

**3.3.10.10 RAC0509 :** "The server is temporarily unavailable. Try again after sometime"

**3.3.10.11 RAC0510 :** "There are no events to be displayed."

**3.3.10.12 RAC0511 :** "There are no physical disks to be displayed."

**3.3.10.13 RAC0512 :** "There are no virtual disks to be displayed."

**3.3.10.14 RAC0513 :** "There are no virtual disks to be displayed."

**3.3.10.15 RAC0514 :** "Unable to create virtual disk(s)."

### **3.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD]**

**3.3.11.1 SSD1001 :** "Write-cache on <PCIe SSD name> is enabled."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**3.3.11.2 SSD1002 :** "Write-cache on <PCIe SSD name> is disabled."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**3.3.11.3 SSD1003 :** "<PCIe SSD name> is ready for removal."

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.4 SSD1004 : "Exported the <PCIe SSD name> log file."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.5 SSD1005 : "Successfully initialized <PCIe SSD name>."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.6 SSD1006 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <percent> = " 90%"

#### **3.3.11.7 SSD1007 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.8 SSD1008 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.9 SSD1009 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **3.3.11.10 SSD1010 : "The <PCIe solid state device name> is in a security locked state."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

### **3.3.12 Subcategory= Storage [MessageID prefix =STOR]**

#### **3.3.12.1 STOR1 : "A device <device name> is in an unknown state."**

When event is generated, message will have the following substitutions:

- <device name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.12.2 STOR2 : "SCSI sense data <args>."**

When event is generated, message will have the following substitutions:

- <args> = "CDB:xyz, Sense:abc"

### **3.3.12.3 STOR3 : "CEM Storage Management has lost communication with the <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"

### **3.3.12.4 STOR4 : "CEM Storage Management encountered internal error."**

### **3.3.12.5 STOR5 : "Redundancy lost.<VD/Enclosure Name>"**

When event is generated, message will have the following substitutions:

- <VD/Enclosure Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.12.6 STOR6 :** "CEM Storage Management detected inventory change(s) after host re-boot."

**3.3.12.7 STOR7 :** "The storage management instrumentation is performing an inventory refresh operation."

**3.3.12.8 STOR8 :** "Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on."

**3.3.12.9 STOR9 :** "No RAID controllers have been detected. Access to shared storage will not be available."

**3.3.12.10 STOR10 :** "Access to shared storage will not be available, because the RAID controller is unable to turn on."

**3.3.12.11 STOR11 :** "The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability."

**3.3.12.12 STOR12 :** "Chassis is operating with a disabled RAID controller."

**3.3.12.13 STOR089 :** "The storage configuration operation is successfully completed and the change is in pending state."

**3.3.12.14 STOR090 :** "Unable to create a virtual disk because an invalid value of span count value is entered for the RAID level selected."

**3.3.12.15 STOR092 :** "Unable to run the configuration operation on the controller because foreign configuration import operation is in progress."

**3.3.12.16 STOR093 :** "Unable to run the configuration operation because the controller is not available for the import process."

**3.3.12.17 STOR094 :** "The storage configuration operation is successfully completed and the change is in pending state."

**3.3.12.18 STOR095 :** "Storage operation is successfully completed."

**3.3.12.19 STOR096 :** "Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB)."

**3.3.12.20 STOR097 :** "Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size."

**3.3.12.21 STOR099 :** "Unable to find the FQDD <component FQDD> because an invalid FQDD is entered or an operation is pending on the specified FQDD."

When event is generated, message will have the following substitutions:

- <component FQDD> = "FQDD"

**3.3.12.22 STOR0101 : "No RAID controller is displayed."**

**3.3.12.23 STOR0102 : "No batteries are displayed."**

**3.3.12.24 STOR0103 : "No physical disks are displayed."**

**3.3.12.25 STOR0104 : "No virtual disks are displayed."**

**3.3.12.26 STOR0105 : "No enclosures are displayed."**

**3.3.12.27 STOR0106 : "Fans are not connected to enclosures or data about fans is unavailable."**

**3.3.12.28 STOR0107 : "EMMs are not connected to enclosures or data about EMMs is unavailable."**

**3.3.12.29 STOR0108 : "Temperature probes are not connected to enclosures or data about temperature is unavailable."**

**3.3.12.30 STOR0109 : "Power supply unit is not connected to the enclosure or data about power supply unit is unavailable."**

**3.3.12.31 STOR0110 : "Invalid Fully Qualified Device Descriptor (FQDD)."**

**3.3.12.32 STOR0111 : "Invalid reference key."**

**3.3.12.33 STOR0200 : "Array Manager is installed on the system."**

**3.3.12.34 STOR0201 : "Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware."**

**3.3.12.35 STOR0202 : "The configuration file (Path: <file path>) that contains firmware and driver information for <controller name> is not updated or is incorrectly formatted to complete the comparison."**

When event is generated, message will have the following substitutions:

- <file path> = "C:\Program Files (x86)\Dell\SysMgt\sm\cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

**3.3.12.36 STOR0203 :** "The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions."

**3.3.12.37 STOR0204 :** "The non-RAID SCSI driver version is older than the minimum required version."

**3.3.12.38 STOR0205 :** "Global rescan initiated for all storage components in the system."

**3.3.12.39 STOR0206 :** "Smart thermal shutdown feature is enabled."

**3.3.12.40 STOR0207 :** "Smart thermal shutdown feature is disabled."

**3.3.12.41 STOR0208 :** "Protection policy has changed."

**3.3.12.42 STOR0209 :** "Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete."

**3.3.12.43 STOR0210 :** "SCSI sense data (<sense info>) received from <device name>."

When event is generated, message will have the following substitutions:

- <sense info> = "Sense key: 6 Sense code: 29 Sense qualifier: 0"
- <device name> = "Controller 1 (PERC H800 Adapter)"

**3.3.12.44 STOR0211 :** "The <device name> has returned to normal state."

When event is generated, message will have the following substitutions:

- <device name> = "Enclosure 0:0 on Controller 1 at Connector 0"

**3.3.12.45 STOR0212 :** "The <device name> has failed."

When event is generated, message will have the following substitutions:

- <device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"



**3.3.12.46 STOR0501 : "Unable to configure RAID."**

**3.3.12.47 STOR0502 : "Unable to launch RAID Configuration wizard."**

**3.3.12.48 STOR0503 : "Successfully erased RAID configuration."**

**3.3.12.49 STOR0504 : "Successfully completed RAID operation."**

**3.3.12.50 STOR0505 : "Unable to delete virtual disks."**

**3.3.12.51 STOR0506 : "Unable to create virtual disk."**

**3.3.12.52 STOR0507 : "Insufficient physical disk space on selected RAID controller."**

**3.3.12.53 STOR0508 : "No supported controllers present for RAID configuration."**

**3.3.12.54 STOR0509 : "No RAID levels are supported."**

**3.3.12.55 STOR0510 : "Encryption configuration failed."**

**3.3.12.56 STOR0511 : "Unable to change the encryption key."**

**3.3.12.57 STOR0512 : "Unable to apply the encryption key."**

**3.3.12.58 STOR0513 : "Unable to encrypt virtual disks."**

**3.3.12.59 STOR0514 : "Unable to initialize the selected physical disk drive(s)."**

### **3.3.13 Subcategory= Software Change [MessageID prefix =SWU]**

**3.3.13.1 SWU001 : "The backplane firmware update completed successfully."**

**3.3.13.2 SWU002 : "The backplane firmware update did not complete successfully."**

### **3.3.14 Subcategory= Temperature [MessageID prefix =TMP]**

**3.3.14.1 TMP5 : "The temperature probe maximum warning value was changed on <Enclosure name>."**

When event is generated, message will have the following substitutions:

- <Enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**3.3.14.2 TMP6 : "The temperature probe minimum warning value was changed on <Enclosure name>."**

When event is generated, message will have the following substitutions:

- <Enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.3 TMP7 : "<Temp Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Temp Sensor Name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.4 TMP1000 : "<tempsensor name> exceeded the maximum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.5 TMP1001 : "<tempsensor name> has crossed the minimum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.6 TMP1002 : "<tempsensor name> has exceeded the maximum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.7 TMP1003 : "<tempsensor name> has crossed the minimum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.14.8 TMP1004 : "<tempsensor name> has returned to normal."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **3.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR]**

#### **3.3.15.1 VDR1 : "<VD Name> failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.2 VDR2 : "<virtual disk> returned to optimal state."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.3 VDR3 : "Redundancy normal on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.4 VDR4 : "<virtual disk> was created."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.5 VDR5 : "<virtual disk> was deleted."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.6 VDR6 : "<VD Name> configuration has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.7 VDR7 : "<virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.8 VDR8 : "<virtual disk> has become degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.9 VDR9 : "<virtual disk> consistency check has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.10 VDR10 : "Formatting the <VD Name> has started."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.11 VDR11 : "<virtual disk> has started initializing."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.12 VDR12 : "<virtual disk> reconfiguration has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.13 VDR13 : "<VD Name> rebuild has started."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.14 VDR14 : "The consistency check on <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.15 VDR15 : "Initialization of <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.16 VDR16 : "Consistency check of <virtual disk> failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.17 VDR17 : "<VD Name> format failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.18 VDR18 : "Initialization of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.19 VDR19 : "Reconfiguration of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.20 VDR20 : "<VD Name> rebuild failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.21 VDR21 : "Consistency check for <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.22 VDR22 : "Formatting the <VD Name> is completed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.23 VDR23 : "Initialization of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.24 VDR24 : "Reconfiguration of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.25 VDR25 : "<VD Name> rebuild is completed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.26 VDR26 : "The check consistency on a <VD Name> has been paused (suspended)."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.27 VDR27 : "The consistency check on a <VD Name> has been resumed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.28 VDR28 : "A virtual disk and its mirror have been split."**

#### **3.3.15.29 VDR29 : "A mirrored virtual disk has been un-mirrored."**

#### **3.3.15.30 VDR30 : "<virtual disk> write policy has changed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.31 VDR31 : "Controller cache is preserved for missing or offline <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.32 VDR32 : "Background initialization has started for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.33 VDR33 : "Background initialization was cancelled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.34 VDR34 : "Background initialization failed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.35 VDR35 : "Background initialization has completed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.36 VDR36 : "<VD Name> initialization is in-progress <progresspercent>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"
- <progresspercent> = "30%"

#### **3.3.15.37 VDR37 : "Dead disk segments are restored on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.38 VDR38 : "<VD Name> is renamed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.39 VDR39 : "The check consistency has made corrections and completed for <VD name>."**

When event is generated, message will have the following substitutions:

- <VD name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.40 VDR40 : "The reconfiguration of <virtual disk> has resumed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.41 VDR41 : "<VD Name> read policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.42 VDR42 : "Dedicated hot spare assigned physical disk <args>."**

When event is generated, message will have the following substitutions:

- <args> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **3.3.15.43 VDR43 : "Dedicated hot spare unassigned physical disk <args>."**

When event is generated, message will have the following substitutions:

- <args> = "Disk 5 in Enclosure 0 on Connector 0 o RAID Controller in Slot 5"

#### **3.3.15.44 VDR44 : "<VD Name> disk cache policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.45 VDR45 : "<VD Name> blink has been initiated."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.46 VDR46 : "<VD Name> blink has ceased."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.47 VDR47 : "A disk media error was corrected on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.48 VDR48 : "<VD Name> has inconsistent data."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.49 VDR49 : "<VD Name> is permanently degraded."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.50 VDR50 : "Background Initialization (BGI) completed with uncorrectable errors on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.51 VDR51 : "The consistency check process made corrections and completed on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.52 VDR52 : "The consistency check found inconsistent parity data on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.53 VDR53 : "The consistency check logging of inconsistent parity data is disabled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.54 VDR54 : "<VD Name> initialization is terminated."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.55 VDR55 : "<VD Name> initialization has failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.56 VDR56 : "Redundancy of <virtual disk> has been degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.57 VDR57 : "Background Initialization in <VD Name> corrected medium error."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.58 VDR58 : "Bad block medium error is detected at block <args> on <VD Name>."**

When event is generated, message will have the following substitutions:

- <args> = "0x12345678"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.59 VDR59 : "<VD Name> security has failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.60 VDR91 : "Consistency check for <virtual disk> has detected multiple uncorrectable medium errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**3.3.15.61 VDR92 : "Consistency check for <virtual disk> has completed with uncorrectable errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"



#### **3.3.15.62 VDR93 : "<VD Name> bad block medium error is cleared."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.63 VDR94 : "Controller preserved cache was recovered for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.64 VDR95 : "Unable to log block <arg>.Bad block table on <VD Name> is full."**

When event is generated, message will have the following substitutions:

- <arg> = "0x1234567890"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.65 VDR96 : "Bad block table on <virtual disk> is 80 percent full."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.66 VDR97 : "Patrol Read corrected a media error on <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.67 VDR98 : "<virtual disk> has switched active controllers. Its active path is now through <controller name>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0"
- <controller name> = " RAID Controller in Slot 5"

#### **3.3.15.68 VDR99 : "<virtual disk> is unavailable because of an ID conflict in the fault-tolerant pair."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.69 VDR100 : "<virtual disk> is unavailable because of incompatibilities with the current controller."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **3.3.15.70 VDR101 : "Hot Spare Protection policy deviation with severity set at Informational level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.71 VDR101 : "Virtual Adapter mapping reported for <Virtual Disk Name>. Virtual Adapter 1 is now <Access Policy 1>. Virtual Adapter 2 is now <Access Policy 2>. Virtual Adapter 3 is now <Access Policy 3>. Virtual Adapter 4 is now <Access Policy 4>."**

When event is generated, message will have the following substitutions:

- <Virtual Disk Name> = "Virtual Disk 0 on Integrated RAID Controller 0"
- <Access Policy 1> = " Read/Write"
- <Access Policy 2> = " No Access"
- <Access Policy 3> = " No Access"
- <Access Policy 4> = " No Access"

**3.3.15.72 VDR102 : "Hot Spare Protection policy deviation with severity set at Warning level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.73 VDR103 : "Hot Spare Protection policy deviation with severity set at Critical level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.74 VDR104 : "Successfully secured <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.75 VDR105 : "The <virtual disk name> on power save mode drives is available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.76 VDR106 : "<virtual disk name> on spun down power save mode drives is not available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.77 VDR107 : "Successfully resized Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**3.3.15.78 VDR108 : "Successfully created Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **3.3.15.79 VDR109 : "Successfully deleted Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **3.3.15.80 VDR110 : "Unrecoverable storage medium error detected on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **3.3.15.81 VDR111 : "Corrected disk storage medium error on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **3.3.15.82 VDR112 : "Deleted the <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

## **3.4 Category: System Health**

### **3.4.1 Subcategory= Amperage [MessageID prefix =AMP]**

#### **3.4.1.1 AMP0300 : "The system board <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.2 AMP0301 : "The system board <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.3 AMP0302 : "The system board <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.4 AMP0303 : "The system board <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.5 AMP0304 : "The system board <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.6 AMP0305 : "The system board <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.7 AMP0306 : "Disk drive bay <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.8 AMP0307 : "Disk drive bay <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.9 AMP0308 : "Disk drive bay <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.10 AMP0309 : "Disk drive bay <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.11 AMP0310 : "Disk drive bay <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **3.4.1.12 AMP0311 : "Disk drive bay <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

- 3.4.1.13 AMP0312 :** "System level current is less than the lower warning threshold."
- 3.4.1.14 AMP0313 :** "System level current is less than the lower critical threshold."
- 3.4.1.15 AMP0314 :** "System level current is greater than the upper warning threshold."
- 3.4.1.16 AMP0315 :** "System level current is greater than the upper critical threshold."
- 3.4.1.17 AMP0316 :** "System level current is outside of range."
- 3.4.1.18 AMP0317 :** "System level current is within range."
- 3.4.1.19 AMP0318 :** "Chassis power level current is less than the lower warning threshold."
- 3.4.1.20 AMP0319 :** "Chassis power level current is less than the lower critical threshold."
- 3.4.1.21 AMP0320 :** "Chassis power level current is greater than the upper warning threshold."
- 3.4.1.22 AMP0321 :** "Chassis power level current is greater than the upper critical threshold."
- 3.4.1.23 AMP0322 :** "Chassis power level current is outside of range."
- 3.4.1.24 AMP0323 :** "Chassis power level current is within range."
- 3.4.1.25 AMP400 :** "The <sensor name> sensor has failed, and the last recorded value by the sensor was <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

**3.4.1.26 AMP401 :** "Unable to read the <sensor name> sensor value."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"

**3.4.1.27 AMP402 :** "The <sensor name> sensor returned to a normal state with a value of <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 56.000"

**3.4.1.28 AMP403 :** "The <sensor name> sensor state has changed to a warning state with a value of <current> A."

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"

- <current> = " 100.000"

#### **3.4.1.29 AMP404 : "The <sensor name> sensor detected an error with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658"

#### **3.4.1.30 AMP405 : "The <sensor name> sensor state has changed to a failed state with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

### **3.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR]**

#### **3.4.2.1 ASR0000 : "The watchdog timer expired."**

#### **3.4.2.2 ASR0001 : "The watchdog timer reset the system."**

#### **3.4.2.3 ASR0002 : "The watchdog timer powered off the system."**

#### **3.4.2.4 ASR0003 : "The watchdog timer power cycled the system."**

#### **3.4.2.5 ASR0008 : "The watchdog timer interrupt was initiated."**

#### **3.4.2.6 ASR0009 : "The system returned from a watchdog timer event."**

#### **3.4.2.7 ASR0100 : "The BIOS watchdog timer reset the system."**

#### **3.4.2.8 ASR0101 : "The OS watchdog timer reset the system."**

#### **3.4.2.9 ASR0102 : "The OS watchdog timer shutdown the system."**

#### **3.4.2.10 ASR0103 : "The OS watchdog timer powered down the system."**

#### **3.4.2.11 ASR0104 : "The OS watchdog timer powered cycle the system."**

#### **3.4.2.12 ASR0105 : "The OS watchdog timer powered off the system."**

#### **3.4.2.13 ASR0106 : "The OS watchdog timer expired."**

#### **3.4.2.14 ASR0107 : "The OS watchdog timer pre-timeout interrupt was initiated."**

#### **3.4.2.15 ASR0108 : "The system returned from an OS watchdog timer event."**

#### **3.4.2.16 ASR200 : "The watchdog timer expired at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**3.4.2.17 ASR201 : "The watchdog timer restarted the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**3.4.2.18 ASR202 : "The watchdog timer turned off the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**3.4.2.19 ASR203 : "The watchdog timer performed an AC power cycle on the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**3.4.2.20 ASR8500 : "Watchdog timer is disabled."**

**3.4.3 Subcategory= Battery Event [MessageID prefix =BAT]**

**3.4.3.1 BAT0000 : "The system board battery is low."**

**3.4.3.2 BAT0001 : "The system board battery is operating normally."**

**3.4.3.3 BAT0002 : "The system board battery has failed."**

**3.4.3.4 BAT0003 : "The system board battery is present."**

**3.4.3.5 BAT0004 : "The system board battery is absent."**

**3.4.3.6 BAT0005 : "The storage battery is low."**

**3.4.3.7 BAT0006 : "The storage battery is operating normally."**

**3.4.3.8 BAT0007 : "The storage battery has failed."**

**3.4.3.9 BAT0008 : "The storage battery is present."**

**3.4.3.10 BAT0009 : "The storage battery is absent."**

**3.4.3.11 BAT0010 : "The storage battery for disk drive bay <bay> is low."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **3.4.3.12 BAT0011 : "The storage battery for disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **3.4.3.13 BAT0012 : "The storage battery for disk drive bay <bay> has failed."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **3.4.3.14 BAT0013 : "The storage battery for disk drive bay <bay> is present."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **3.4.3.15 BAT0014 : "The storage battery for disk drive bay <bay> is absent."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **3.4.3.16 BAT0015 : "The <name> battery is low."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **3.4.3.17 BAT0016 : "The <name> battery is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **3.4.3.18 BAT0017 : "The <name> battery has failed."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **3.4.3.19 BAT0018 : "The <name> battery is present."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **3.4.3.20 BAT0019 : "The <name> battery is absent."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"



**3.4.3.21 BAT0030 : "The system board battery is reading low."**

**3.4.3.22 BAT0031 : "The system board battery status is unknown."**

### **3.4.4 Subcategory= Cable [MessageID prefix =CBL]**

**3.4.4.1 CBL0001 : "Backplane <bay ID> power cable disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**3.4.4.2 CBL0002 : "Backplane <bay ID> signal cable disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**3.4.4.3 CBL0003 : "Backplane <bay ID> <cable name> cable is disconnected."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"
- <cable name> = "B2"

**3.4.4.4 CBL0004 : "The <cable name> cable is incorrectly connected to backplane <bay ID> connector <connector name>."**

When event is generated, message will have the following substitutions:

- <cable name> = "B2"
- <bay ID> = "1"
- <connector name> = "PERC SAS B0"

**3.4.4.5 CBL0005 : "Backplane <bay ID> <connector name> connector incorrectly connected to the motherboard SATA controller."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"
- <connector name> = "Chipset SATA B0"

**3.4.4.6 CBL0006 : "Unsupported backplane <bay ID> configuration: Multiple RAID controllers cannot be connected to the same backplane."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

**3.4.4.7 CBL0007 : "Backplane <bay ID> <cable name> cable and backplane <bay ID> <cable name> cable are swapped."**

When event is generated, message will have the following substitutions:

- <bay ID> = "1"

- <cable name> = "PERC SAS B0"
- <bay ID> = "2"
- <cable name> = "PCIe C"

### **3.4.5 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**3.4.5.1 CMC8502 : "Unable to access the IPv6 information of the server."**

**3.4.5.2 CMC8503 : "Unable to access the IPv4 information of the server."**

**3.4.5.3 CMC8504 : "Unable to access server: <slot number>, because the NIC is disabled on the identified server."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.5.4 CMC8505 : "Unable to access server: <slot number> because both IPv4 and IPv6 are disabled. NIC Enabled = <state>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.5.5 CMC8514 : "Fabric mismatch is detected in the I/O Module <iom slot name>."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**3.4.5.6 CMC8516 : "The I/O Module <iom slot name> did not boot within the expected time."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**3.4.5.7 CMC8517 : "A double height server is detected in slot <slot number>, however the server is not detected in the bottom slot."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.5.8 CMC8518 : "Detecting Double height server in slot <slot number> but the iDRAC in bottom slot <slot number> is also responding."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.5.9 CMC8519 : "The LOM riser FRU for slot <slot number> FRU ID <fru id> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.10 CMC8520 : "The FRU on server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.11 CMC8521 : "The Mezz card 1 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.12 CMC8522 : "The Mezz card 2 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.13 CMC8523 : "The Mezz card 3 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.14 CMC8524 : "The Mezz card 4 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.15 CMC8525 : "The FRU on the sleeve <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.16 CMC8526 : "Unable to retrieve the server-<slot number> CPU information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.17 CMC8527 : "Unable to retrieve the server-<slot number> memory information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.18 CMC8528 : "Unable to obtain or send link tuning or flex address data to server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **3.4.5.19 CMC8534 : "Unable to turn on the server <slot number> because the power requirement request exceeds the power cap value."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **3.4.6 Subcategory= Processor [MessageID prefix =CPU]**

#### **3.4.6.1 CPU0000 : "CPU <number> has an internal error (IERR)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.2 CPU0001 : "CPU <number> has a thermal trip (over-temperature) event."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.3 CPU0002 : "CPU <number> has failed the built-in self-test (BIST)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.4 CPU0003 : "CPU <number> is stuck in POST."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.5 CPU0004 : "CPU <number> failed to initialize."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.6 CPU0005 : "CPU <number> configuration is unsupported."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.7 CPU0006 : "Unrecoverable CPU complex error detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.8 CPU0007 : "CPU <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.9 CPU0008 : "CPU <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.10 CPU0009 : "CPU <number> terminator is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.11 CPU0010 : "CPU <number> is throttled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.12 CPU0011 : "Uncorrectable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.13 CPU0012 : "Correctable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.14 CPU0016 : "CPU <number> is operating correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.15 CPU0021 : "CPU <number> is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.16 CPU0024 : "CPU <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.17 CPU0025 : "CPU <number> terminator is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.18 CPU0700 : "CPU <number> initialization error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.19 CPU0701 : "CPU <number> protocol error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.20 CPU0702 : "CPU bus parity error detected."**

#### **3.4.6.21 CPU0703 : "CPU bus initialization error detected."**

#### **3.4.6.22 CPU0704 : "CPU <number> machine check error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.23 CPU0800 : "CPU <number> voltage regulator module is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.24 CPU0801 : "CPU <number> voltage regulator module failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.25 CPU0802 : "A predictive failure detected on CPU <number> voltage regulator module."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.26 CPU0803 : "The power input for CPU <number> voltage regulator module is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.27 CPU0804 : "The power input for CPU <number> voltage regulator module is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.28 CPU0805 : "The power input for CPU <number> voltage regulator module is outside of range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.29 CPU0806 : "CPU <number> voltage regulator module is incorrectly configure."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.30 CPU0816 : "CPU <number> voltage regulator module is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.31 CPU0817 : "CPU <number> voltage regulator module is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.32 CPU0819 : "The power input for CPU <number> voltage regulator module has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.33 CPU0822 : "CPU <number> voltage regulator module is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.6.34 CPU9000 : "An OEM diagnostic event occurred."**

### **3.4.7 Subcategory= Proc Absent [MessageID prefix =CPUA]**

#### **3.4.7.1 CPUA0023 : "CPU <number> is absent"**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **3.4.8 Subcategory= Diagnostic [MessageID prefix =DIAG]**

#### **3.4.8.1 DIAG0000 : "Pass"**

#### **3.4.8.2 DIAG0111 : "CPU <Cpu Number> : <Exception Type> exception occurred."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"
- <Exception Type> = "Stack"

#### **3.4.8.3 DIAG0112 : "CPU <Cpu Number> - Machine check exception detected."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"

#### **3.4.8.4 DIAG0114 : "Cache integrity test discrepancy <Error Reason>"**

When event is generated, message will have the following substitutions:

- <Error Reason> = "Unable to start application processor(s)."

#### **3.4.8.5 DIAG0115 : "CPU Stress Thermal condition. Limit <Degrees>C, Actual <Degrees>C."**

When event is generated, message will have the following substitutions:

- <Degrees> = "60"
- <Degrees> = "73"

#### **3.4.8.6 DIAG0121 : "Memory errors detected, but successfully resolved."**

#### **3.4.8.7 DIAG0122 : "Memory errors detected. Limit exceeded. Additional errors will not be resolved."**

#### **3.4.8.8 DIAG0123 : "UEFI: Memory error detected. :OR: LEGACY: Memory - integrity test discrepancy."**

#### **3.4.8.9 DIAG0124 : "<Timestamp>, <Log message>"**

When event is generated, message will have the following substitutions:

- <Timestamp> = "Jun 20 2012 13:52:05"
- <Log message> = "Warning: ECC Corr Err: Memory sensor, correctable ECC [DIMM\_A1] was asserted."

#### **3.4.8.10 DIAG0125 : "The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted."**

#### **3.4.8.11 DIAG0126 : "The event log(s) must be cleared before testing can continue."**

#### **3.4.8.12 DIAG0131 : "Battery - The battery is not installed."**

#### **3.4.8.13 DIAG0132 : "Battery - The battery is reaching the end of its usable life."**

#### **3.4.8.14 DIAG0133 : "Battery - The battery cannot provide sufficient power."**

#### **3.4.8.15 DIAG0212 : "System board - CMOS, Location = <Hex>h, Expected = <Hex>h, Found = <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "42"
- <Hex> = "80"
- <Hex> = "80"



**3.4.8.16 DIAG0213 : "System board - CMOS battery failure detected."**

**3.4.8.17 DIAG0221 : "System board - Interval timer not functional."**

**3.4.8.18 DIAG0232 : "RTC - did not generate periodic ticks."**

**3.4.8.19 DIAG0233 : "System board - RTC seconds count is not updating."**

**3.4.8.20 DIAG0234 : "System board - HPET <1>, incorrect time period. Expected = <Decimal>, Found = <Decimal>."**

When event is generated, message will have the following substitutions:

- <1> = "1"
- <Decimal> = "1"
- <Decimal> = "0"

**3.4.8.21 DIAG0235 : "PM timer 1 had wrong time period. Expected <Decimal>, Actual <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <Decimal> = "0"

**3.4.8.22 DIAG0241 : "BIOS - A20 gate not enabled."**

**3.4.8.23 DIAG0242 : "System board - Interrupt controller, IRQ = <Decimal>: <IRQ Description> not detected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <IRQ Description> = "system timer"

**3.4.8.24 DIAG0243 : "USB controller error."**

**3.4.8.25 DIAG0244 : "USB device failed with return code 0x<Hex>."**

When event is generated, message will have the following substitutions:

- <Hex> = "FF"

**3.4.8.26 DIAG0245 : "Timeout waiting for the device to respond."**

**3.4.8.27 DIAG0251 : "Event log - The log contains failing records."**

**3.4.8.28 DIAG0313 : "Touchpad - Pointing stick/touchpad not detected."**

**3.4.8.29 DIAG0314 : "Thermal: The (<Sensor Name>) reading (<Degrees>C) exceeds the thermal limit."**

When event is generated, message will have the following substitutions:

- <Sensor Name> = "CPU1"
- <Degrees> = "78"

**3.4.8.30 DIAG0315 : "Sensor: The (<Sensor Name>) reading <Degrees>C) is lower than expected."**

When event is generated, message will have the following substitutions:

- <Sensor Name> = "CPU1"
- <Degrees> = "0"

**3.4.8.31 DIAG0321 : "LCD EDID - Unable to access EDID EEPROM."**

**3.4.8.32 DIAG0322 : "LCD panel - Unable to modify brightness."**

**3.4.8.33 DIAG0323 : "Unable to detect inverter lamp status."**

**3.4.8.34 DIAG0324 : "LCD panel - User reported LCD BIST colors were not displayed."**

**3.4.8.35 DIAG0325 : "LCD panel - User provided no input for LCD BIST."**

**3.4.8.36 DIAG0326 : "LCD panel - Unable to turn lamp on or off."**

**3.4.8.37 DIAG0327 : "LCD panel - Unable to use BIOS interface."**

**3.4.8.38 DIAG0328 : "LCD panel - Unable to detect variance in ambient light sensor."**

**3.4.8.39 DIAG0331 : "Video controller - No video controller detected."**

**3.4.8.40 DIAG0332 : "Video memory - Video memory integrity test discrepancy."**

**3.4.8.41 DIAG0333 : "Video - User provided no input for graphics test"**

**3.4.8.42 DIAG0334 : "Video - User reported the patterns were not displayed."**

**3.4.8.43 DIAG0411 : "Cables - <Hardware Name> not detected."**

When event is generated, message will have the following substitutions:

- <Hardware Name> = "Intrusion"

**3.4.8.44 DIAG0412 : "Cables - <AUX LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <AUX LCD Name> = "Auxiliary LCD cable"

**3.4.8.45 DIAG0413 : "Cables - <LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <LCD Name> = "LCD cable"

#### **3.4.8.46 DIAG 0414 : "Cables - <Inverter Name> not detected."**

When event is generated, message will have the following substitutions:

- <Inverter Name> = "Inverter cable"

#### **3.4.8.47 DIAG0415 : "Cables - Check the following cable, jumper, connection, or sensor: <Name>."**

When event is generated, message will have the following substitutions:

- <Name> = "Intrusion"

#### **3.4.8.48 DIAG0511 : "Fan - The (<Name>) fan failed to respond correctly."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 1"

#### **3.4.8.49 DIAG0512 : "Fan - The (<Name>) fan is running faster than expected."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 2"

#### **3.4.8.50 DIAG0620 : "Network <Number> - <Failure Message>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Failure Message> = "Failed with Device Error"

#### **3.4.8.51 DIAG0621 : "Network <Number> - Driver version <Hex> outdated. Version <Hex> or newer required for "<EFI Driver Name>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Hex> = "00070222"
- <Hex> = "00070419"
- <EFI Driver Name> = "Broadcom 10 Gigabit Ethernet Driver"

#### **3.4.8.52 DIAG8001 : "No BIOS support for software interrupt <Hex>h, function(ah) <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "0xA3"
- <Hex> = "0x52"

#### **3.4.8.53 DIAG8002 : "No BIOS support for SMI interface function(ah) <Hex Function>h.;Sensor <Name> exceeded thermal zone <Decimal>. Peak zone was <Decimal>."**

When event is generated, message will have the following substitutions:

- <Hex Function> = "0x52"

- <Name> = "CPU Thermistor"
- <Decimal> = "7"
- <Decimal> = "8"

#### **3.4.8.54 DIAG8003 : "Fan - Unable to set Manufacturing Mode."**

#### **3.4.8.55 DIAG8004 : "Fan - Unable to determine fan speeds."**

#### **3.4.8.56 DIAG8005 : "LCD BIST not supported. or Fan - Fan speed failure. Expected at least <RPM>, observed <RPM>."**

When event is generated, message will have the following substitutions:

- <RPM> = "3500"
- <RPM> = "2600"

#### **3.4.8.57 DIAG8006 : "Fan - Unable to set fans to <High, Low, Original> speed. or No chipset event timer!"**

When event is generated, message will have the following substitutions:

- <High, Low, Original> = "High"

#### **3.4.8.58 DIAG8007 : "Log contains Fan events;Timer expected <Decimal> observed <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "55"
- <Decimal> = "AA"

#### **3.4.8.59 DIAG8008 : "Out of memory! fMalloc() Failed! :OR: Unable to allocate memory for object data. :OR: Unable to <Name> testable memory. :OR: Unable to start application processor(s) :OR: Unable to stop all APs. The system may be unstable and should be rebooted."**

When event is generated, message will have the following substitutions:

- <Name> = "allocate"

#### **3.4.8.60 DIAG8009 : "Cannot find memory to free! fFree() Failed with pointer <Hex>"**

When event is generated, message will have the following substitutions:

- <Hex> = "007C1234"

#### **3.4.8.61 DIAG8010 : "High-Precision event timer not found."**

#### **3.4.8.62 DIAG8011 : "Invalid status return from the device."**

#### **3.4.8.63 DIAG8012 : "Invalid parameter passed to the device.; Unknown test (<Decimal>) selected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "1"

#### **3.4.8.64 DIAG8013 : "LCD <Name> doesnt support test commands."**

When event is generated, message will have the following substitutions:

- <Name> = "LCD"

#### **3.4.8.65 DIAG8014 : "ADDF module (<Name>) device (<Name>) failed with error code <Hex>, number <hex>. No EPSA beep code mapped."**

When event is generated, message will have the following substitutions:

- <Name> = "8008"
- <Name> = "2"

#### **3.4.8.66 DIAG8015 : "Unable to stop all APs. The system may be unstable and should be rebooted."**

#### **3.4.8.67 DIAG8016 : "Battery - unable to retrieve battery health."**

#### **3.4.8.68 DIAG8017 : "Battery - BIOS has no support for battery health."**

#### **3.4.8.69 DIAG8018 : "Fatal: The module reported multiple test results!!"**

#### **3.4.8.70 DIAG8019 : "Unable to log to NVRAM."**

#### **3.4.8.71 DIAG8020 : "Low memory. <Decimal>k bytes free!"**

When event is generated, message will have the following substitutions:

- <Decimal> = "1000"

#### **3.4.8.72 DIAG8021 : "SMBIOS DIMM configuration did not match."**

#### **3.4.8.73 DIAG8170 : "PCIe - Training error PciTag-<tag> VendorID-<hex> DeviceID-<hex>SVid-<hex>SDid-<hex> Bus <decimal>: Link Degraded, maxLinkWidth = x<decimal>, negotiatedLinkWidth = x<decimal>, Slot <slot>"**

When event is generated, message will have the following substitutions:

- <tag> = "0300"
- <hex> = "1000"
- <hex> = "0073"
- <hex> = "1000"
- <hex> = "1F4E"
- <decimal> = "02"
- <decimal> = "2"
- <decimal> = "1"
- <slot> = "2"

#### **3.4.8.74 DIAG8171 : "PCIe - PCI device in physical Slot <decimal>, PciTag <hex>, is present but not responding"**

When event is generated, message will have the following substitutions:

- <decimal> = "1"
- <hex> = "300"

#### **3.4.8.75 DIAG8611 : "User reported not hearing speaker tone"**

#### **3.4.8.76 DIAG800B : "Retrieve vendor ID function error."**

#### **3.4.8.77 DIAG800C : "Get/Set inverter mode function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "Maxim"
- <Decimal> = "1"

#### **3.4.8.78 DIAG800D : "Set lamp off function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MicroSemi"
- <Decimal> = "2"

#### **3.4.8.79 DIAG800E : "Set lamp on function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MPS"
- <Decimal> = "3"

#### **3.4.8.80 DIAG800F : "Restore function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "O2"
- <Decimal> = "4"

### **3.4.9 Subcategory= Dell Key Mngr [MessageID prefix =DKM]**

**3.4.9.1 DKM1000 :** "A network problem detected. Cannot contact key management server."

**3.4.9.2 DKM1001 :** "The key management service is operating correctly."

**3.4.9.3 DKM1002 :** "Key management server certificate problem detected."

**3.4.9.4 DKM1004 :** "The key management server received a bad request."

**3.4.9.5 DKM1006 :** "Key management server error detected."

### **3.4.10 Subcategory= Fan Event [MessageID prefix =FAN]**

**3.4.10.1 FAN0000 :** "Fan <number> RPM is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.2 FAN0001 :** "Fan <number> RPM is less than the lower critical threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.3 FAN0002 :** "Fan <number> RPM is greater than the upper warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.4 FAN0003 :** "Fan <number> RPM is greater than the upper critical threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.5 FAN0004 :** "Fan <number> RPM is outside of range."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.6 FAN0005 :** "Fan <number> RPM is within range."

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.10.7 FAN0006 :** "Fan <number> is removed."

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.8 FAN0007 : "Fan <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.9 FAN0008 : "Fan <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.10 FAN0009 : "Fan <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.11 FAN0010 : "Fan <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.12 FAN0011 : "Fan <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.10.13 FAN0012 : "<fan name> RPM is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **3.4.10.14 FAN0013 : "<fan name> RPM is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **3.4.10.15 FAN0014 : "<fan name> RPM is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **3.4.10.16 FAN0015 : "<fan name> RPM is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **3.4.10.17 FAN0016 : "<fan name> RPM is outside of normal operating range."**

When event is generated, message will have the following substitutions:



- <fan name> = "Blower"

#### **3.4.10.18 FAN0017 : "<fan name> RPM is within normal operating range."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **3.4.10.19 FAN0018 : "Enhanced Cooling Mode is not supported for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **3.4.10.20 FAN0019 : "An incompatibility between operating mode and fan type was corrected for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **3.4.10.21 FAN0020 : "The <fan name> is non-functional."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

#### **3.4.10.22 FAN0021 : "<fan name> is offline."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

#### **3.4.10.23 FAN0022 : "The <sensor name> sensor has failed, and the last recorded value by the sensor was <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"

#### **3.4.10.24 FAN0024 : "The <sensor name> sensor returned to a normal state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"

#### **3.4.10.25 FAN0025 : "The <sensor name> sensor state has changed to a warning state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = "1"

**3.4.10.26 FAN0026 : "The <sensor name> sensor detected an error with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**3.4.10.27 FAN0027 : "The <sensor name> sensor has failed with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**3.4.10.28 FAN0023 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"

**3.4.11 Subcategory= Fiber Channel [MessageID prefix =FC]**

**3.4.11.1 FC102 : "The FC <controller ID> port <port ID> link is not functioning either because the FC cable is not connected or the FC device is not functioning."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"
- <port ID> = " 1"

**3.4.11.2 FC103 : "The FC <controller ID> port <port ID> network connection is successfully started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"
- <port ID> = " 1"

**3.4.12 Subcategory= Hardware Config [MessageID prefix =HWC]**

**3.4.12.1 HWC1000 : "The <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

**3.4.12.2 HWC1001 : "The <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

**3.4.12.3 HWC1002 : "The <name> is disabled."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **3.4.12.4 HWC1003 : "The <name> is enabled."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **3.4.12.5 HWC1004 : "The storage adapter is present."**

#### **3.4.12.6 HWC1005 : "The storage adapter is absent."**

#### **3.4.12.7 HWC1006 : "The storage adapter is disabled."**

#### **3.4.12.8 HWC1007 : "The storage adapter is enabled."**

#### **3.4.12.9 HWC1008 : "The backplane is present."**

#### **3.4.12.10 HWC1009 : "The backplane is absent."**

#### **3.4.12.11 HWC1010 : "The backplane is disabled."**

#### **3.4.12.12 HWC1011 : "The backplane is enabled."**

#### **3.4.12.13 HWC1012 : "The USB cable is present."**

#### **3.4.12.14 HWC1013 : "The USB cable is absent."**

#### **3.4.12.15 HWC1014 : "The mezzanine card <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **3.4.12.16 HWC1015 : "The mezzanine card <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **3.4.12.17 HWC1100 : "The <name> was installed in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "VGA"
- <number> = "1"

#### **3.4.12.18 HWC1101 : "The <name> is removed from slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "VGA"
- <number> = "1"

#### **3.4.12.19 HWC1200 : "The sled <sled name> is inserted in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **3.4.12.20 HWC1201 : "The sled <sled name> is removed from slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **3.4.12.21 HWC2000 : "The <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.22 HWC2001 : "The <name> cable or interconnect is not connected or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.23 HWC2002 : "The storage <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **3.4.12.24 HWC2003 : "The storage <name> cable is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **3.4.12.25 HWC2004 : "The system board <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **3.4.12.26 HWC2005 : "The system board <name> cable or interconnect is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **3.4.12.27 HWC2006 : "The <name> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **3.4.12.28 HWC2007 : "The <name> is installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **3.4.12.29 HWC2008 : "A fabric mismatch detected for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **3.4.12.30 HWC2009 : "Mezzanine card <number> is installed correctly."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **3.4.12.31 HWC2010 : "The riser board cable or interconnect is connected."**

#### **3.4.12.32 HWC2011 : "The riser board cable or interconnect is not connected, or is improperly connected."**

#### **3.4.12.33 HWC2012 : "A fabric mismatch detected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **3.4.12.34 HWC2013 : "Fabric mismatch corrected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **3.4.12.35 HWC2014 : "A hardware misconfiguration detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **3.4.12.36 HWC2015 : "The <name> is configured correctly."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.37 HWC3000 : "The <name> is removed."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.38 HWC3001 : "The <name> is inserted."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.39 HWC3002 : "Server <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.40 HWC3003 : "Server <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.41 HWC3004 : "IO module <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.42 HWC3005 : "IO module <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.43 HWC3006 : "Unable to QuickDeploy server in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "1"

#### **3.4.12.44 HWC4000 : "A hardware incompatibility detected between BMC/iDRAC firmware and CPU."**

#### **3.4.12.45 HWC4001 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU."**

#### **3.4.12.46 HWC4002 : "A hardware incompatibility detected between BMC/iDRAC firmware and other hardware."**

#### **3.4.12.47 HWC4003 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware."**

#### **3.4.12.48 HWC4010 : "Hardware successfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **3.4.12.49 HWC4011 : "Hardware unsuccessfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **3.4.12.50 HWC4012 : "Hardware successfully updated for embedded NIC."**

#### **3.4.12.51 HWC4013 : "Hardware unsuccessfully updated for embedded NIC."**

#### **3.4.12.52 HWC4014 : "Link Tuning data successfully updated."**

#### **3.4.12.53 HWC4015 : "Link Tuning error detected."**

#### **3.4.12.54 HWC4016 : "Hardware incompatibility detected with mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **3.4.12.55 HWC4017 : "A hardware incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server "
- <first component location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

#### **3.4.12.56 HWC4018 : "A hardware incompatibility was corrected between <first component name><first component location location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server"
- <first component location location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

#### **3.4.12.57 HWC5000 : "<name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "DVD"

#### **3.4.12.58 HWC5001 : "<name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "DVD"

#### **3.4.12.59 HWC5002 : "A fabric mismatch detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.60 HWC5003 : "<name> is operating correctly."**

When event is generated, message will have the following substitutions:

- <name> = "iDRAC"

#### **3.4.12.61 HWC5004 : "A link tuning failure detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.62 HWC5006 : "A failure is detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.63 HWC5008 : "Console is not available for the <name>."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **3.4.12.64 HWC5010 : "<name> cannot detect any hosts."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **3.4.12.65 HWC5012 : "On screen display (OSCAR) is not functional for the <name>."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **3.4.12.66 HWC5014 : "<name> is not functional and is powered off."**

When event is generated, message will have the following substitutions:

- <name> = "iKVM"

#### **3.4.12.67 HWC5030 : "IO module <number> is online."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.68 HWC5031 : "IO module <number> is offline."**

When event is generated, message will have the following substitutions:



- <number> = "A1"

#### **3.4.12.69 HWC5032 : "A fabric mismatch detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.70 HWC5033 : "IO module <number> is operating correctly."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.71 HWC5034 : "A link tuning failure detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.72 HWC5035 : "An over-temperature event detected on I/O module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.73 HWC5036 : "A failure is detected on IO module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.74 HWC5037 : "I/O module <number> failed to boot."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

#### **3.4.12.75 HWC6000 : "The <name> controller is offline."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.76 HWC6001 : "The <name> controller is online."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.77 HWC6002 : "The <name> controller is stuck in boot mode."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.78 HWC6003 : "The <name> controller is booting."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **3.4.12.79 HWC6004 : "Cannot communicate with <name> controller."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.80 HWC6005 : "Communications restored for <name> controller."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **3.4.12.81 HWC7000 : "Server <number> health changed to a normal state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.82 HWC7002 : "Server <number> health changed to a warning state from a normal state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.83 HWC7004 : "Server <number> health changed to a critical state from either a normal or warning state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.84 HWC7006 : "Server <number> health changed to a non-recoverable state from a less severe state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.85 HWC7008 : "Server <number> health changed to a warning state from more severe state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.86 HWC7010 : "Server <number> health changed to a critical state from a non-recoverable state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.12.87 HWC7012 : "Server <number> health changed to a non-recoverable state."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.12.88 HWC8004 : "The SD card device sensor has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**3.4.12.89 HWC8005 : "The SD card device has returned to normal state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**3.4.12.90 HWC8006 : "The SD card device state has changed to a warning state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**3.4.12.91 HWC8007 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**3.4.12.92 HWC8008 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**3.4.12.93 HWC8009 : "SD card device sensor value unknown. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"

- <state> = " NULL"

**3.4.12.94 HWC8501 :** "Unable to complete the operation because of an issue with the I/O panel cable."

**3.4.12.95 HWC8502 :** "The I/O panel cable is connected."

**3.4.12.96 HWC8503 :** "Communication to the control panel has been restored."

**3.4.12.97 HWC8504 :** "The Chassis Management Controller (CMC) cannot communicate with the control panel."

**3.4.12.98 HWC8506 :** "Unable to synchronize control panel firmware due to internal error."

**3.4.12.99 HWC8507 :** "The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used."

**3.4.12.100 HWC8508 :** "A device causing an issue in the I/O panel USB port is removed."

**3.4.12.101 HWC8509 :** "One or more PCIe switch heatsinks are not properly attached."

**3.4.12.102 HWC8510 :** "The heat sinks of the PCIe switches are properly attached."

### **3.4.13 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**3.4.13.1 IOV104 :** "The Chassis Management Controller (CMC) is unable to allocate <number of Watt> Watt for server-<server slot number> PCIe adapters."

When event is generated, message will have the following substitutions:

- <number of Watt> = ""

**3.4.13.2 IOV105 :** "Unable to manage PCIe adapter <device name> located in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.4.13.3 IOV106 :** "Unable to power on PCIe adapter <device name> in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.4.13.4 IOV107 :** "PCIe adapter <device name> in slot <slot number> was removed while powered on."

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.4.13.5 IOV108 : "Power fault detected on PCIE adapter <device name> in <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**3.4.13.6 IOV109 : "An error condition associated with the PCIe slot is cleared."**

**3.4.13.7 IOV110 : "Successfully updated Chassis Infrastructure firmware."**

**3.4.13.8 IOV111 : "Unable to update Chassis Infrastructure firmware."**

**3.4.13.9 IOV112 : "Chassis Infrastructure firmware is not valid."**

**3.4.13.10 IOV113 : "Chassis Infrastructure firmware re-installation is successful."**

**3.4.13.11 IOV116 : "PCIE AUX power cable <cable number>.was disconnected while powered on."**

When event is generated, message will have the following substitutions:

- <cable number> = ""

**3.4.13.12 IOV118 : "Fabric <fabric ID> is down."**

When event is generated, message will have the following substitutions:

- <fabric ID> = ""

**3.4.13.13 IOV2004 : "An issue is detected in the PCIe adapter that was turned on in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.13.14 IOV2005 : "The Chassis Management Controller (CMC) detected an issue in the 3.3 Volt Regulator of the PCIe module present in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.13.15 IOV2006 : "The power-related issue of the PCIe device in slot <slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.13.16 IOV2007 : "The 3.3 Volt Regulator power related issue on the PCIe carrier present in PCIe slot <slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.13.17 IOV2008 :** "The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem."

### **3.4.14 Subcategory= Link Status [MessageID prefix =LNK]**

**3.4.14.1 LNK0001 :** "Network share name unavailable."

**3.4.14.2 LNK0002 :** "Unable to resolve host name."

**3.4.14.3 LNK0003 :** "Unable to connect to the DNS server."

**3.4.14.4 LNK0004 :** "Unable to connect to FTP server."

**3.4.14.5 LNK0005 :** "Unable to connect to DHCP server."

**3.4.14.6 LNK2700 :** "The <name> network link is down."

When event is generated, message will have the following substitutions:

- <name> = "CMC"

**3.4.14.7 LNK2701 :** "The <name> network link is up."

When event is generated, message will have the following substitutions:

- <name> = "CMC"

**3.4.14.8 LNK8500 :** "Unable to connect the server in slot <slot id> to the IOM in slot <IOM slot id> port <IOM port id>, because the IOM port is down."

When event is generated, message will have the following substitutions:

- <slot id> = ""

**3.4.14.9 LNK8501 :** "The network connection of server in slot <slot id> IOM in slot <IOM slot id> port <IOM port id> is restarted."

When event is generated, message will have the following substitutions:

- <slot id> = ""

### **3.4.15 Subcategory= Log event [MessageID prefix =LOG]**

**3.4.15.1 LOG321 :** "The log status is unknown. Log type: <log type>."

When event is generated, message will have the following substitutions:

- <log type> = "Command"

**3.4.15.2 LOG322 :** "The log size is no longer near the maximum capacity. Log type: <log type>."

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **3.4.15.3 LOG323 : "The log size is near maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **3.4.15.4 LOG324 : "The log size has reached its maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **3.4.15.5 LOG325 : "Unable to receive any log entries. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

### **3.4.16 Subcategory= Memory [MessageID prefix =MEM]**

#### **3.4.16.1 MEM0000 : "Persistent correctable memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.2 MEM0001 : "Multi-bit memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.3 MEM0002 : "Parity memory errors detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.4 MEM0003 : "Stuck bit memory error detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.5 MEM0004 : "Memory device at location <location> is disabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.6 MEM0005 : "Persistent correctable memory error limit reached for a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.7 MEM0006 : "Memory device at location <location> is present."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.8 MEM0007 : "Unsupported memory configuration; check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.9 MEM0008 : "Memory device at location <location> is spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.10 MEM0009 : "Memory device at location <location> is throttled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.11 MEM0010 : "Memory device at location <location> is overheating."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.12 MEM0016 : "Memory device at location(s) <location> is operating correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.13 MEM0020 : "Memory device at location <location> is enabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.14 MEM0021 : "Persistent correctable memory error limit reset for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"



#### **3.4.16.15 MEM0022 : "Memory device at location <location> is absent."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.16 MEM0024 : "Memory device at location <location> is no longer spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.17 MEM0600 : "Memory device was added at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.18 MEM0601 : "Memory device is removed from location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.19 MEM0700 : "The persistent correctable memory error rate is at normal levels for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.20 MEM0701 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.21 MEM0702 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.22 MEM1000 : "Memory device at location <location> transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.23 MEM1001 : "Memory device at location <location> failed to transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.24 MEM1002 : "Memory device at location <location> is in test."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.25 MEM1003 : "Memory device at location <location> failed to transition to in test."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.26 MEM1004 : "Memory device at location <location> is powered off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.27 MEM1005 : "Memory device at location <location> failed to power off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.28 MEM1006 : "Memory device at location <location> is online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.29 MEM1007 : "Memory device at location <location> failed to transition to online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.30 MEM1008 : "Memory device at location <location> is offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.31 MEM1009 : "Memory device at location <location> failed to transition to offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.32 MEM1010 : "Memory device at location <location> is off-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.33 MEM1011 : "Memory device at location <location> is on-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.34 MEM1012 : "Memory device at location <location> is in a degraded state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.35 MEM1013 : "Memory device at location <location> is in a full state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.36 MEM1014 : "Memory device at location <location> is in a power save state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.37 MEM1015 : "Memory device at location <location> is in a power active state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.38 MEM1016 : "Memory device at location <location> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.39 MEM1017 : "Memory device at location <location> is installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.40 MEM1200 : "Memory RAID is redundant."**

#### **3.4.16.41 MEM1201 : "Memory RAID redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.42 MEM1202 : "Memory RAID redundancy is degraded. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **3.4.16.43 MEM1203 : "Memory is not redundant."**

#### **3.4.16.44 MEM1204 : "Memory mirror is redundant."**

#### **3.4.16.45 MEM1205 : "Memory mirror redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.46 MEM1206 : "Memory mirror redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.47 MEM1207 : "Memory spare is redundant."**

**3.4.16.48 MEM1208 : "Memory spare redundancy is lost. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.49 MEM1209 : "Memory spare redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.50 MEM1210 : "Memory is redundant."**

**3.4.16.51 MEM1212 : "Memory redundancy is lost."**

**3.4.16.52 MEM1214 : "Memory redundancy is degraded."**

**3.4.16.53 MEM6000 : "Memory device monitoring is disabled."**

**3.4.16.54 MEM6001 : "Memory device status is unknown. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**3.4.16.55 MEM6002 : "Memory device status is normal. Memory device location: <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"

**3.4.16.56 MEM6003 : "Memory device status is non-critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**3.4.16.57 MEM6004 : "Memory device status is critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**3.4.16.58 MEM6005 : "Memory device has failed. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**3.4.16.59 MEM7000 : "The memory riser mismatch was corrected."**

**3.4.16.60 MEM7002 : "A hardware mismatch detected for memory riser."**

**3.4.16.61 MEM8000 : "Correctable memory error logging disabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.62 MEM8001 : "Persistent correctable memory error logging enabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**3.4.16.63 MEM9000 : "Memory interconnect degraded."**

**3.4.16.64 MEM9001 : "Memory interconnect is functioning normally."**

**3.4.16.65 MEM9002 : "Intel QPI interconnect <QPI link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

**3.4.16.66 MEM9003 : "Intel SMI 2 Memory interconnect <link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

**3.4.16.67 MEM9004 : "Intel QPI interconnect <QPI link number> has degraded."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **3.4.16.68 MEM9005 : "Intel SMI 2 Memory interconnect <link number> has degraded."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **3.4.16.69 MEM9006 : "Intel QPI interconnect <QPI link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **3.4.16.70 MEM9007 : "Intel SMI 2 Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **3.4.16.71 MEM9008 : "Intel DDR Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

### **3.4.17 Subcategory= NIC Config [MessageID prefix =NIC]**

#### **3.4.17.1 NIC100 : "The NIC <Controller> Port <Port> network link is down."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **3.4.17.2 NIC101 : "The NIC <controller ID> Port <port ID> network link is started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Integrated 1"
- <port ID> = " 1"

**3.4.17.3 NIC500 :** "The requested object is not allowed to be configured if DHCP \nis enabled."

**3.4.17.4 NIC501 :** "The requested object is not allowed to be configured if Auto Config \nis enabled."

**3.4.17.5 NIC502 :** "DHCP is required to be enabled on the NIC before DHCP can be \nenabled for DNS server or domain name objects."

**3.4.17.6 NIC503 :** "The DNS server IP address is not allowed to be configured \nif DNS server DHCP (cfgDNSServersFromDHCP) is enabled."

**3.4.17.7 NIC504 :** "The IPv6 DNS Server IP address is not allowed to be configured if\nIPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled"

**3.4.17.8 NIC505 :** "The DNS domain name is not allowed to be configured if \ndomain name DHCP (cfgDNSDomainNameFromDHCP) is enabled."

**3.4.17.9 NIC506 :** "The requested object requires DNS registration to be enabled."

**3.4.17.10 NIC507 :** "Unable to determine current NIC state."

**3.4.17.11 NIC508 :** "NIC teaming info is not currently available."

**3.4.17.12 NIC509 :** "NIC is now ENABLED"

**3.4.17.13 NIC510 :** "NIC is now DISABLED"

**3.4.17.14 NIC511 :** "NIC is already ENABLED"

**3.4.17.15 NIC512 :** "DHCP is already ENABLED"

**3.4.17.16 NIC513 :** "DHCP6 is already ENABLED"

**3.4.17.17 NIC514 :** "DHCP is now ENABLED"

**3.4.17.18 NIC515 :** "DHCP6 is now ENABLED"

**3.4.17.19 NIC516 :** "Static IP configuration enabled and modified successfully"

### **3.4.18 Subcategory= OS Event [MessageID prefix =OSE]**

**3.4.18.1 OSE0000 :** "A critical stop occurred during OS load."

**3.4.18.2 OSE0001 :** "A runtime critical stop occurred."

**3.4.18.3 OSE0002 :** "An OS graceful stop occurred."

**3.4.18.4 OSE0003 :** "An OS graceful shut-down occurred."

**3.4.18.5 OSE0004 :** "A soft shut-down initiated by platform event filter."

**3.4.18.6 OSE0005 :** "Agent is not responding."

**3.4.18.7 OSE1000 :** "A: boot completed."

**3.4.18.8 OSE1001 :** "Failed to boot from A."

**3.4.18.9 OSE1002 :** "C: boot completed."

**<device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.3 PCI1304 : "An I/O channel check error was detected."**

**3.4.19.4 PCI1306 : "A software error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.5 PCI1308 : "A PCI parity error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.6 PCI1310 : "A PCI system error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.7 PCI1312 : "An EISA fail-safe time-out was detected."**

**3.4.19.8 PCI1314 : "A bus correctable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.9 PCI1316 : "A bus uncorrectable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:



- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.10 PCI1318 : "A fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.11 PCI1319 : "A high-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**3.4.19.12 PCI1320 : "A bus fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.13 PCI1321 : "A high-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**3.4.19.14 PCI1322 : "Bus performance degraded for a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.15 PCI1342 : "A bus time-out was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.16 PCI1344 : "An I/O channel check error was detected."**

**3.4.19.17 PCI1346 : "A software error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.18 PCI1348 : "A PCI parity error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.19 PCI1350 : "A PCI system error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.20 PCI1354 : "A bus correctable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.21 PCI1356 : "A bus uncorrectable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.22 PCI1358 : "A fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.23 PCI1360 : "A bus fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.24 PCI1362 : "Bus performance degraded for a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.25 PCI2000 : "A fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"

- <device> = "1"
- <func> = "1"

**3.4.19.26 PCI2001 : "The component at bus <bus> device <device> function <func> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.27 PCI2002 : "A fatal IO error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.28 PCI2003 : "The component at slot <number> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.29 PCI3000 : "Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress."**

**3.4.19.30 PCI3001 : "Device option ROM on embedded NIC was successfully updated."**

**3.4.19.31 PCI3002 : "Failed to program virtual MAC address on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.32 PCI3003 : "Virtual MAC address for component at bus <bus> device <device> function <func> was successfully programmed."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.33 PCI3004 : "Device option ROM on mezzanine card <number> failed to support Link Tuning or FlexAddress."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**3.4.19.34 PCI3005 : "Device option ROM on mezzanine card <number> was successfully updated."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**3.4.19.35 PCI3006 : "Failed to get Link Tuning or FlexAddress data from iDRAC."**

**3.4.19.36 PCI3007 : "Link Tuning or FlexAddress data successfully obtained."**

**3.4.19.37 PCI3008 : "A non-fatal PCIe error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.38 PCI3009 : "PCIe is operating normally on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.39 PCI3010 : "A non-fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.40 PCI3011 : "The component at bus <bus> device <device> function <func> recovered from a non-fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**3.4.19.41 PCI3012 : "The QuickPath Interconnect (QPI) width degraded."**

**3.4.19.42 PCI3013 : "The QuickPath Interconnect (QPI) width regained."**

**3.4.19.43 PCI3014 : "A non-fatal PCIe error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.44 PCI3015 : "The component at slot <number> recovered from a non-fatal PCIe error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.19.45 PCI3016 : "Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress."**

**3.4.19.46 PCI3017 : "Device option ROM on mezzanine card was successfully updated."**

**3.4.19.47 PCI3018 : "New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards."**

**3.4.19.48 PCI3019 : "A low-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**3.4.19.49 PCI3020 : "A low-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**3.4.19.50 PCI5004 : "A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.19.51 PCI5005 : "An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.19.52 PCI5006 : "The power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.19.53 PCI5007 : "The auxiliary power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.19.54 PCI5008 : "The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board."**

### **3.4.20 Subcategory= Physical Disk [MessageID prefix =PDR]**

#### **3.4.20.1 PDR1000 : "Drive <number> is installed in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.2 PDR1001 : "Fault detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.3 PDR1002 : "A predictive failure detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.4 PDR1003 : "Drive <number> in disk drive bay <bay> is the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.5 PDR1004 : "Consistency check is in progress for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.6 PDR1005 : "Drive <number> in disk drive bay <bay> is in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.7 PDR1006 : "Drive <number> in disk drive bay <bay> is in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

- <bay> = "0"

#### **3.4.20.8 PDR1007 : "Rebuild is in progress for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.9 PDR1008 : "Rebuild was aborted for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.10 PDR1016 : "Drive <number> is removed from disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.11 PDR1017 : "Drive <number> in disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.12 PDR1019 : "Drive <number> in disk drive bay <bay> is no longer the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.13 PDR1020 : "Consistency check for drive <number> in disk drive bay <bay> completed."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.14 PDR1021 : "Drive <number> in disk drive bay <bay> is no longer in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.15 PDR1022 : "Drive <number> in disk drive bay <bay> is no longer in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.16 PDR1023 : "Rebuild completed for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.17 PDR1024 : "Drive mismatch detected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.18 PDR1025 : "Drive mismatch corrected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **3.4.20.19 PDR1100 : "Drive <number> is installed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.20 PDR1101 : "Fault detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.21 PDR1102 : "A predictive failure detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.22 PDR1103 : "Drive <number> is the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.23 PDR1104 : "Consistency check is in progress for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.24 PDR1105 : "Drive <number> is in the critical array."**

When event is generated, message will have the following substitutions:



- <number> = "1"

#### **3.4.20.25 PDR1106 : "Drive <number> is in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.26 PDR1107 : "Rebuild is in progress for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.27 PDR1108 : "Rebuild was aborted for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.28 PDR1116 : "Drive <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.29 PDR1117 : "Drive <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.30 PDR1119 : "Drive <number> is no longer the hot-spare drive."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.31 PDR1120 : "Consistency check for drive <number> completed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.32 PDR1121 : "Drive <number> is no longer in the critical array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.33 PDR1122 : "Drive <number> is no longer in the failed array."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.20.34 PDR1123 : "Rebuild completed for drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **3.4.21 Subcategory= System Performance Event [MessageID prefix =PFM]**

#### **3.4.21.1 PFM0001 : "The value of <sensor name> is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **3.4.21.2 PFM0002 : "The value of <sensor name> is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **3.4.21.3 PFM0003 : "The value of <sensor name> is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **3.4.21.4 PFM0004 : "The value of <sensor name> is within specified limits."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

### **3.4.22 Subcategory= BIOS POST [MessageID prefix =PST]**

**3.4.22.1 PST0000 : "Unrecognized Post Code."**

**3.4.22.2 PST0001 : "System Power On."**

**3.4.22.3 PST0002 : "CPU Microcode load."**

**3.4.22.4 PST0003 : "Chipset Initialization."**

**3.4.22.5 PST0004 : "Memory Configuration."**

**3.4.22.6 PST0005 : "Shadow BIOS."**

**3.4.22.7 PST0006 : "Multiprocessor Initialization."**

**3.4.22.8 PST0007 : "POST processing start."**

**3.4.22.9 PST0008 : "System Management Mode (SMM)initialization."**

**3.4.22.10 PST0009 : "PCI bus enumeration & video initialization."**

**3.4.22.11 PST0010 : "iDRAC is ready."**

**3.4.22.12 PST0011 : "Extended Memory test started."**

**3.4.22.13 PST0012 : "Extended Memory test running \"**

**3.4.22.14 PST0013 : "Extended Memory test running /"**

**3.4.22.15 PST0014 : "Extended Memory test completed."**

**3.4.22.16 PST0064 : "Display sign-on."**

**3.4.22.17 PST0065 : "PCI configuration."**

**3.4.22.18 PST0080 : "An issue was detected. System at boot F1/F2 prompt. Requires entry to continue."**

**3.4.22.19 PST0081 : "No bootable devices."**

**3.4.22.20 PST0082 : "In BIOS Setup Menu."**

**3.4.22.21 PST0083 : "In BIOS Boot Menu."**

**3.4.22.22 PST0084 : "Automated Task application."**

**3.4.22.23 PST0085 : "Performing CSIOR."**

**3.4.22.24 PST0086 : "In Lifecycle Controller."**

**3.4.22.25 PST0087 : "Initializing iDRAC."**

**3.4.22.26 PST0088 : "Preparing to Boot."**

**3.4.22.27 PST0089 : "A problem was detected during Power-On Self-Test (POST)."**

**3.4.22.28 PST0090 : "A problem was detected related to the previous server boot."**

- <number> = "1"

#### **3.4.23.2 PSU0001 : "Power supply <number> failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.3 PSU0002 : "A predictive failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.4 PSU0003 : "The power input for power supply <number> is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.5 PSU0004 : "The power input for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.6 PSU0005 : "The power input for power supply <number> is outside of the allowable range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.7 PSU0006 : "Power supply <number> is incorrectly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.8 PSU0007 : "Power supply <number> is operating at 110 volts, and could cause a circuit breaker fault."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.9 PSU0017 : "Power supply <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.10 PSU0019 : "The input power for power supply <number> has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.11 PSU0022 : "Power supply <number> is correctly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.12 PSU0023 : "Power supply <number> operating at 110 volts has been acknowledged by user."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.13 PSU0031 : "Cannot communicate with power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.14 PSU0032 : "The temperature for power supply <number> is in a warning range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.15 PSU0033 : "The temperature for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.16 PSU0034 : "An under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.17 PSU0035 : "An over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.18 PSU0036 : "An over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.19 PSU0037 : "Fan failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.20 PSU0038 : "Power supply <number> fan is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.21 PSU0039 : "An under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.22 PSU0040 : "An output under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.23 PSU0041 : "An output over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.24 PSU0042 : "An output over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.25 PSU0043 : "An output under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.26 PSU0044 : "Cannot obtain status information from power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.27 PSU0045 : "Power supply <number> status information successfully obtained."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.28 PSU0046 : "Communication has been restored to power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.29 PSU0076 : "A power supply wattage mismatch is detected; power supply <number> is rated for <value> watts."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <value> = "500"

#### **3.4.23.30 PSU0077 : "Power supply <number> vendor type mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.31 PSU0078 : "Power supply <number> revision mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.32 PSU0080 : "Power supply <number> voltage rating does not match the systems requirements."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.33 PSU0090 : "Power supply <number> wattage mismatch corrected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.34 PSU0091 : "Power supply unit <PSU number> rating exceeds the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **3.4.23.35 PSU0092 : "Power supply unit <PSU number> rating is appropriate for the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **3.4.23.36 PSU100 : "Power supply <power supply unit> is offline."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **3.4.23.37 PSU101 : "Power supply <power supply unit> is not present."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **3.4.23.38 PSU102 : "Power supply <power supply unit> status is unknown."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

**3.4.23.39 PSU500 : "Unable to get the current server power status."**

**3.4.23.40 PSU501 : "Server is already powered ON."**

**3.4.23.41 PSU502 : "Server is already powered OFF."**

**3.4.23.42 PSU503 : "Server power status: <Status>"**

When event is generated, message will have the following substitutions:

- <Status> = "ON"

**3.4.23.43 PSU504 : "Server power operation successful"**

**3.4.23.44 PSU0800 : "Power Supply <PSU\_name>: Status = 0x<PSU\_Status>, IOU = 0x<Output\_Current>, VOUT= 0x<Output\_Voltage>, TEMP= 0x<Temp>, FAN = 0x<Fan>, INPUT= 0x<Input>"**

When event is generated, message will have the following substitutions:

- <PSU\_name> = "2"
- <PSU\_Status> = "00"
- <Output\_Current> = "0"
- <Output\_Voltage> = "0"
- <Temp> = "0"
- <Fan> = "0"
- <Input> = "0"

**3.4.23.45 PSU0801 : "Power Supply <PSU\_Name>: CRC error detected"**

When event is generated, message will have the following substitutions:

- <PSU\_Name> = "2"

**3.4.23.46 PSU0802 : "The power supply redundancy policy on the system has been set."**

**3.4.23.47 PSU0803 : "Insufficient power in chassis to power on server."**

**3.4.23.48 PSU0900 : "Power unit <number> is off."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.23.49 PSU0901 : "Power unit <number> is on."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.23.50 PSU0902 : "Power unit <number> was power cycled."**

When event is generated, message will have the following substitutions:



- <number> = "1"

#### **3.4.23.51 PSU0904 : "Could not power down 240VA on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.52 PSU0906 : "An interlock power down error detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.53 PSU0907 : "An interlock power down error was corrected for power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.54 PSU0908 : "Power lost on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.55 PSU0909 : "Power restored on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.56 PSU0910 : "Soft power control failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.57 PSU0911 : "Soft power control restored on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.58 PSU0912 : "A failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.59 PSU0913 : "Power unit <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.23.60 PSU0914 : "A predictive failure detected on power unit <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **3.4.24 Subcategory= PSU Absent [MessageID prefix =PSUA]**

#### **3.4.24.1 PSUA0016 : "Power supply <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **3.4.25 Subcategory= Power Usage [MessageID prefix =PWR]**

#### **3.4.25.1 PWR0100 : "The power button was pressed."**

#### **3.4.25.2 PWR0101 : "The power button was released."**

#### **3.4.25.3 PWR0102 : "The sleep button was pressed."**

#### **3.4.25.4 PWR0103 : "The sleep button was released."**

#### **3.4.25.5 PWR0104 : "The reset button was pressed."**

#### **3.4.25.6 PWR0105 : "The reset button was released."**

#### **3.4.25.7 PWR0106 : "The <name> is latched."**

When event is generated, message will have the following substitutions:

- <name> = "VR"

#### **3.4.25.8 PWR0107 : "The <name> is unlatched."**

When event is generated, message will have the following substitutions:

- <name> = "VR"

#### **3.4.25.9 PWR0108 : "The <name> service was requested."**

When event is generated, message will have the following substitutions:

- <name> = "OCS"

#### **3.4.25.10 PWR0109 : "The <name> service has completed."**

When event is generated, message will have the following substitutions:

- <name> = "OCS"

**3.4.25.11 PWR200 :** "Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature."

**3.4.25.12 PWR201 :** "Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode. Do you want to continue?"

**3.4.25.13 PWR202 :** "Enabling the Max Power Conservation Mode (MPCM) feature forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers."

**3.4.25.14 PWR203 :** "Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled."

**3.4.25.15 PWR204 :** "Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature."

**3.4.25.16 PWR205 :** "The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled."

**3.4.25.17 PWR206 :** "The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled."

**3.4.25.18 PWR207 :** "The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled."

**3.4.25.19 PWR209 :** "Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**3.4.25.20 PWR210 :** "The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**3.4.25.21 PWR211 :** "Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled."

**3.4.25.22 PWR213 :** "Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled."

**3.4.25.23 PWR214 :** "Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled."

**3.4.25.24 PWR216 :** "Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy."

**3.4.25.25 PWR218 :** "Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled."

**3.4.25.26 PWR219 :** "The Extended Power Performance (EPP) feature cannot be enabled because the PSU in slot <slot number> is not a 3000 W PSU."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.4.25.27 PWR220 : "The Extended Power Performance (EPP) feature cannot be enabled because slot <slot number> is empty."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

3.4.25.28 PWR221 : "The Extended Power Performance (EPP) feature is already disabled."

3.4.25.29 PWR222 : "The Extended Power Performance (EPP) feature is already enabled."

3.4.25.30 PWR223 : "Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled."

3.4.25.31 PWR1000 : "The system performance restored."

3.4.25.32 PWR1001 : "The system performance degraded."

3.4.25.33 PWR1002 : "The system performance degraded because of thermal protection."

3.4.25.34 PWR1003 : "The system performance degraded because cooling capacity has changed."

3.4.25.35 PWR1004 : "The system performance degraded because power capacity has changed."

3.4.25.36 PWR1005 : "The system performance degraded because of user-defined power capacity has changed."

3.4.25.37 PWR1006 : "The system halted because system power exceeds capacity."

3.4.25.38 PWR1007 : "The system performance degraded because power exceeds capacity."

3.4.25.39 PWR1008 : "The system performance degraded because power draw exceeds the power threshold."

3.4.25.40 PWR1009 : "System power capacity is restored."

3.4.25.41 PWR2000 : "The system powered up."

3.4.25.42 PWR2001 : "The system hard reset."

3.4.25.43 PWR2002 : "The system warm reset."

3.4.25.44 PWR2003 : "User requested a PXE boot."

3.4.25.45 PWR2004 : "System booted automatically into diagnostics."

3.4.25.46 PWR2005 : "The OS run-time software initiated a hard reset."

3.4.25.47 PWR2006 : "The OS run-time software initiated a warm reset."

3.4.25.48 PWR2007 : "System restarted."

3.4.25.49 PWR2200 : "The system is in the ON state."

3.4.25.50 PWR2201 : "The system is sleeping with system hardware and processor context

**maintained."**

**3.4.25.51 PWR2202 : "The system is sleeping with lost processor context."**

**3.4.25.52 PWR2203 : "The system is sleeping with system hardware and processor context lost."**

**3.4.25.53 PWR2204 : "The system is in a non-volatile sleep state."**

**3.4.25.54 PWR2205 : "The system is in a soft-off state."**

**3.4.25.55 PWR2207 : "The system is in a mechanical off state."**

**3.4.25.56 PWR2208 : "The system is in a sleep state."**

**3.4.25.57 PWR2209 : "The system is in an undermined sleep state."**

**3.4.25.58 PWR2210 : "The system was forced into a soft-off state."**

**3.4.25.59 PWR2211 : "The system is in legacy ON state."**

**3.4.25.60 PWR2212 : "The system is in legacy OFF state."**

**3.4.25.61 PWR2400 : "Power management firmware unable to maintain power limit"**

**3.4.25.62 PWR2401 : "Power management firmware initialization error"**

**3.4.25.63 PWR2402 : "iDRAC is unable to communicate with power management firmware."**

**3.4.25.64 PWR2403 : "iDRAC communication with power management firmware has been restored."**

**3.4.25.65 PWR3000 : "The system is being shut down for thermal protection."**

**3.4.25.66 PWR3001 : "Detected new peak power value. Peak value (in Watts): <peak value>."**

When event is generated, message will have the following substitutions:

- <peak value> = "100"

**3.4.25.67 PWR8557 :** "The System Input Power Cap is too low to be enforced using the current Power Supply configuration."

**3.4.25.68 PWR8558 :** "The System Input Power Cap is being enforced with the current Power Supply configuration."

### **3.4.26 Subcategory= RAC Event [MessageID prefix =RAC]**

**3.4.26.1 RAC0560 :** "RAC Software Initialization Error"

**3.4.26.2 RAC0561 :** "iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots."

**3.4.26.3 RAC0562 :** "iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots."

**3.4.26.4 RAC0728 :** "The Quick Sync communication is no longer functioning."

**3.4.26.5 RAC918 :** "Unable to get the inlet temperature data."

**3.4.26.6 RAC1034 :** "This action will ungracefully turn off the server."

### **3.4.27 Subcategory= Redundancy [MessageID prefix =RDU]**

**3.4.27.1 RDU0001 :** "The fans are redundant."

**3.4.27.2 RDU0002 :** "Fan redundancy is lost."

**3.4.27.3 RDU0003 :** "Fan redundancy is degraded."

**3.4.27.4 RDU0004 :** "The fans are not redundant."

**3.4.27.5 RDU0005 :** "The fans are not redundant. Insufficient resources to maintain normal operations."

**3.4.27.6 RDU0011 :** "The power supplies are redundant."

**3.4.27.7 RDU0012 :** "Power supply redundancy is lost."

**3.4.27.8 RDU0013 :** "Power supply redundancy is degraded."

**3.4.27.9 RDU0014 :** "The power supplies are not redundant."

**3.4.27.10 RDU0015 :** "The power supplies are not redundant. Insufficient resources to maintain normal operations."

**3.4.27.11 RDU0016 :** "The storage voltage is redundant."

**3.4.27.12 RDU0017 :** "The storage power redundancy is no longer available."

**3.4.27.13 RDU0018 :** "The storage power redundancy is degraded."

**3.4.27.14 RDU0019 :** "The storage voltage is not redundant."

**3.4.27.15 RDU0020 :** "Power supply redundancy is disabled."

**3.4.27.16 RDU0021 :** "Unable to determine the redundancy status of the power supply units."

**3.4.27.17 RDU0022 :** "Fan redundancy is disabled."

- <name> = "12v"

#### **3.4.27.20 RDU0031 : "The <name> voltage redundancy is lost."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **3.4.27.21 RDU0032 : "The <name> voltage redundancy is degraded."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **3.4.27.22 RDU0033 : "The <name> voltage is not redundant."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

### **3.4.28 Subcategory= IDSDM Media [MessageID prefix =RFL]**

#### **3.4.28.1 RFL2000 : "Internal Dual SD Module <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.2 RFL2002 : "Internal Dual SD Module <name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.3 RFL2003 : "Internal Dual SD Module <name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.4 RFL2004 : "Failure detected on Internal Dual SD Module <name>."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.5 RFL2005 : "Internal Dual SD Module <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.6 RFL2006 : "Internal Dual SD Module <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"



#### **3.4.28.7 RFL2007 : "Internal Dual SD Module <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.8 RFL2008 : "Internal Dual SD Module <name> is disabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **3.4.28.9 RFL2009 : "Internal Dual SD Module <name> is enabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"

### **3.4.29 Subcategory= IDS DM Absent [MessageID prefix =RFLA]**

#### **3.4.29.1 RFLA2001 : "Internal Dual SD Module <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"

### **3.4.30 Subcategory= FlexAddress SD [MessageID prefix =RFM]**

**3.4.30.1 RFM1018 : "Removable Flash Media is absent."**

**3.4.30.2 RFM1019 : "Removable Flash Media is present."**

**3.4.30.3 RFM1020 : "Removable Flash Media is IPMI-function ready."**

**3.4.30.4 RFM1021 : "Removable Flash Media is not IPMI-function ready."**

**3.4.30.5 RFM1022 : "Removable Flash Media is ready."**

**3.4.30.6 RFM1023 : "Removable Flash Media is not ready."**

**3.4.30.7 RFM1024 : "Removable Flash Media is offline."**

**3.4.30.8 RFM1025 : "Removable Flash Media is online."**

**3.4.30.9 RFM1026 : "Failure detected on Removable Flash Media."**

**3.4.30.10 RFM1027 : "Removable Flash Media is operating normally."**

**3.4.30.11 RFM1028 : "Removable Flash Media was activated."**

**3.4.30.12 RFM1029 : "Removable Flash Media was deactivated."**

**3.4.30.13 RFM1030 : "Removable Flash Media is booting."**

**3.4.30.14 RFM1031 : "Removable Flash Media has finished booting."**

**3.4.30.15 RFM1032 : "Removable Flash Media is write protected."**

**3.4.30.16 RFM1033 : "Removable Flash Media is writable."**

**3.4.30.17 RFM1034 : "Media not present for Removable Flash Media."**

**3.4.30.18 RFM1035 : "Media is present for Removable Flash Media."**

### **3.4.31 Subcategory= IDS DM Redundancy [MessageID prefix =RRDU]**

**3.4.31.1 RRDU0001 : "Internal Dual SD Module is redundant."**

**3.4.31.2 RRDU0002 : "Internal Dual SD Module redundancy is lost."**

**3.4.31.3 RRDU0003 : "Internal Dual SD Module redundancy is degraded."**

**3.4.31.4 RRDU0004 : "Internal Dual SD Module is not redundant."**

**3.4.31.5 RRDU0005 : "Internal Dual SD Module is not redundant. Insufficient resources to maintain normal operations."**

**3.4.31.6 RRDU0006 : "Internal Dual SD Module rebuild initiated."**

634

**3.4.31.7 RRDU0007 : "Internal Dual SD Module rebuild completed successfully."**

**3.4.31.8 RRDU0008 : "Internal Dual SD Module rebuild did not complete successfully."**

**3.4.31.9 RRDU0010 : "Internal SD Module redundancy is disabled."**

Module."

### **3.4.32 Subcategory= Security Event [MessageID prefix =SEC]**

**3.4.32.1 SEC0000 : "The chassis is open."**

**3.4.32.2 SEC0001 : "The drive bay is open."**

**3.4.32.3 SEC0002 : "The I/O card area is open."**

**3.4.32.4 SEC0003 : "The processor area is open."**

**3.4.32.5 SEC0004 : "The LAN is disconnected."**

**3.4.32.6 SEC0005 : "Unauthorized docking is detected."**

**3.4.32.7 SEC0006 : "The fan area is open."**

**3.4.32.8 SEC0016 : "The chassis is closed."**

**3.4.32.9 SEC0017 : "The drive bay is closed."**

**3.4.32.10 SEC0018 : "The I/O card area is closed."**

**3.4.32.11 SEC0019 : "The processor area is closed."**

**3.4.32.12 SEC0020 : "The LAN is connected."**

**3.4.32.13 SEC0021 : "The docking is authorized."**

**3.4.32.14 SEC0022 : "The fan area is closed."**

**3.4.32.15 SEC0031 : "The chassis is open while the power is on."**

**3.4.32.16 SEC0032 : "The chassis is closed while the power is on."**

**3.4.32.17 SEC0033 : "The chassis is open while the power is off."**

**3.4.32.18 SEC0034 : "The chassis is closed while the power is off."**

**3.4.32.19 SEC0040 : "A critical stop occurred during OS load."**

**3.4.32.20 SEC0041 : "BIOS is unable to configure the Intel Trusted Execution Technology (TXT)."**

**3.4.32.21 SEC0042 : "Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation."**

**3.4.32.22 SEC0043 : "BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST."**

**3.4.32.23 SEC0044 : "SINIT Authenticated Code Module detected an Intel Trusted Execution**

Technology (TXT) problem at boot."

3.4.32.24 SEC0045 : "Intel Trusted Execution Technology (TXT) is operating correctly."

3.4.32.25 SEC0051 : "Unable to determine the redundancy status of the chassis intrusion sensor."

3.4.32.26 SEC0052 : "Chassis intrusion sensor may have failed."

3.4.32.27 SEC0600 : "A secure mode violation detected."

3.4.32.28 SEC0601 : "A secure mode violation was corrected."

3.4.32.29 SEC0602 : "User password violation detected."

3.4.32.30 SEC0603 : "User password violation was corrected."

3.4.32.31 SEC0604 : "A setup password violation detected."

3.4.32.32 SEC0605 : "A setup password violation was corrected."

3.4.32.33 SEC0606 : "The network boot password violation detected."

3.4.32.34 SEC0607 : "The network boot password violation was corrected."

3.4.32.35 SEC0608 : "A password violation detected."

3.4.32.36 SEC0609 : "A password violation was corrected."

3.4.32.37 SEC0610 : "An Out-of-band password violation detected."

3.4.32.38 SEC0611 : "An Out-of-band password violation was corrected."

3.4.32.39 SEC0612 : "The default username and password is currently in use. It is recommended to immediately change the default credentials."

3.4.32.40 SEC0613 : "The default username and password is changed."

### **3.4.33 Subcategory= Sys Event Log [MessageID prefix =SEL]**

3.4.33.1 SEL0002 : "Logging is disabled."

3.4.33.2 SEL0003 : "Logging is enabled."

3.4.33.3 SEL0004 : "Log cleared."

3.4.33.4 SEL0006 : "All event logging is disabled."

3.4.33.5 SEL0007 : "All event logging is enabled."

3.4.33.6 SEL0008 : "System event log (SEL) is full."

~~3.4.33.7~~ 3.4.33.7 SEL0010 : "System event log (SEL) is almost full."

3.4.33.8 SEL0012 : "Could not create or initialize the system event log."

3.4.33.9 SEL0013 : "The system event log was created or initialized successfully."

3.4.33.10 SEL0014 : "The System Event Log (SEL) was cleared by <username> from <IP

**address>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"

3.4.33.11 SEL1200 : "The system was reconfigured."

3.4.33.12 SEL1202 : "OEM system boot."

3.4.33.13 SEL1204 : "An unknown system hardware failure detected."

3.4.33.14 SEL1205 : "The unknown system hardware failure was corrected."

3.4.33.15 SEL1206 : "An entry was added to auxiliary log."

3.4.33.16 SEL1207 : "An entry was removed from auxiliary log."

3.4.33.17 SEL1208 : "A platform event filter action was executed."

3.4.33.18 SEL1209 : "The platform event filter action failed."

3.4.33.19 SEL1210 : "The time-stamp clock is synchronized."

3.4.33.20 SEL1211 : "The time-stamp clock could not be synchronized."

3.4.33.21 SEL1300 : "No bootable media found."

3.4.33.22 SEL1301 : "Bootable media found."

3.4.33.23 SEL1302 : "Non-bootable diskette detected."

3.4.33.24 SEL1303 : "Bootable diskette detected."

3.4.33.25 SEL1304 : "The PXE server not found."

3.4.33.26 SEL1305 : "The PXE server found."

3.4.33.27 SEL1306 : "Invalid boot sector found."

3.4.33.28 SEL1307 : "Boot sector found."

3.4.33.29 SEL1308 : "A time-out occurred while waiting for user to select a boot source."

3.4.33.30 SEL1309 : "User selected a boot source."

3.4.33.31 SEL1400 : "The platform generated a page alert."

3.4.33.32 SEL1402 : "The platform generated a LAN alert."

3.4.33.33 SEL1404 : "A platform event trap (PET) was generated."

3.4.33.34 SEL1406 : "The platform generated a SNMP trap."

3.4.33.35 SEL1500 : "The chassis management controller (CMC) is redundant."

3.4.33.36 SEL1501 : "Chassis management controller (CMC) redundancy is lost."

3.4.33.37 SEL1502 : "Chassis management controller (CMC) redundancy is degraded."

3.4.33.38 SEL1503 : "The chassis management controller (CMC) is not redundant."

3.4.33.39 SEL1504 : "The chassis management controller (CMC) is not redundant."

**Insufficient resources to maintain normal operations."**

**3.4.33.40 SEL1506 : "Lost communications with Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.41 SEL1507 : "Communications restored with Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.42 SEL1508 : "Member <number> could not join the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.43 SEL1509 : "Member <number> has joined the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.44 SEL1510 : "An authentication error detected for Chassis Group Member <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.45 SEL1511 : "Member <number> removed from the Chassis Group."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.33.46 SEL9900 : "An unsupported event occurred."**

**3.4.33.47 SEL9901 : "OEM software event."**

**3.4.33.48 SEL9902 : "System software event."**

**3.4.34 Subcategory= Software Config [MessageID prefix =SWC]**

**3.4.34.1 SWC0142 : "Certificate successfully uploaded to the RAC."**

**3.4.34.2 SWC0700 : "iDRAC is not ready. The configuration values cannot be accessed. Please retry after a few minutes."**

**3.4.34.3 SWC4004 : "A firmware or software incompatibility detected between iDRAC in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.34.4 SWC4005 : "A firmware or software incompatibility was corrected between iDRAC in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.34.5 SWC4006 : "A firmware or software incompatibility detected between system BIOS in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.34.6 SWC4007 : "A firmware or software incompatibility was corrected between system BIOS in slot <number> and CMC."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**3.4.34.7 SWC4008 : "A firmware or software incompatibility detected between CMC 1 and CMC 2."**

**3.4.34.8 SWC4009 : "A firmware or software incompatibility was corrected between CMC 1 and CMC 2."**

**3.4.34.9 SWC4010 : "<network device name>< network device location> in Server-<server location> requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions."**

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card, A1, 1"

**3.4.34.10 SWC4011 : "A firmware or software incompatibility is automatically corrected between the <network device name><network device location> in Server-<server location> and the Chassis Management Controller (CMC)."**

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card"
- <network device location> = " A1"
- <server location> = " 1"

**3.4.34.11 SWC4012 : "A firmware or software incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"



- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**3.4.34.12 SWC4013 : "A firmware or software incompatibility was corrected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"
- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**3.4.34.13 SWC5000 : "<name> upgrade was successful."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"

**3.4.34.14 SWC5001 : "<name> upgrade failed."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"

**3.4.34.15 SWC5002 : "<name> upgrade was successful but encountered minor errors."**

When event is generated, message will have the following substitutions:

- <name> = "BIOS"

**3.4.34.16 SWC5003 :** "System Controller (SC) has either stopped functioning or is updating a firmware version."

**3.4.34.17 SWC5004 :** "System Controller (SC) has restarted functioning."

### **3.4.35 Subcategory= System Info [MessageID prefix =SYS]**

**3.4.35.1 SYS083 :** "Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed."

**3.4.35.2 SYS084 :** "Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed."

**3.4.35.3 SYS085 :** "Successfully exported the ePSA Diagnostics results."

**3.4.35.4 SYS086 :** "Unable to copy the ePSA Diagnostics results file to the network share."

**3.4.35.5 SYS092 :** "The iDRAC is collecting information about the server for a Tech Support Report."

**3.4.35.6 SYS093 :** "The iDRAC is exporting the Tech Support Report."

**3.4.35.7 SYS094 :** "The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server."

**3.4.35.8 SYS095 :** "Unable to unmount an iDRAC internal storage partition."

**3.4.35.9 SYS096 :** "Required ePSA Diagnostics binary does not exist."

**3.4.35.10 SYS098 :** "A Remote Diagnostic (ePSA) job already exists."

**3.4.35.11 SYS099 :** "Unable to export the diagnostics results because the results do not exist."

**3.4.35.12 SYS105 :** "Unable to process the event: <event> Date and time of event: <date time>."

When event is generated, message will have the following substitutions:

- <event> = "OEM software event"
- <date time> = "Tue Jan 08 10:56:54 2013"

**3.4.35.13 SYS114 :** "The IPMI status for the interface: <interface>, Baseboard Management Controller (BMC): <BMC>, Sensor Data Records (SDR): <SDR>, System Event Log (SEL): <SEL>."

When event is generated, message will have the following substitutions:

- <interface> = "OS"
- <BMC> = " present"

- <SDR> = " present"
- <SEL> = " present"

3.4.35.14 SYS115 : "The power cord sensor is non-functional."

3.4.35.15 SYS116 : "Unable to determine the status of the power cord."

3.4.35.16 SYS117 : "The input power supply is restored."

3.4.35.17 SYS118 : "The input power supply is not available."

3.4.35.18 SYS119 : "Unable to expose the OS Collector to the server OS."

3.4.35.19 SYS120 : "Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled."

3.4.35.20 SYS121 : "The operation to collect OS and Application Data was cancelled using iDRAC Web UI."

3.4.35.21 SYS122 : "OS Collector: The operation to collect OS and Application Data is successfully completed."

3.4.35.22 SYS123 : "OS Collector: An unexpected issue has been encountered."

3.4.35.23 SYS124 : "OS Collector: The OS Collector application does not support execution in the OS installed on the server."

3.4.35.24 SYS125 : "OS Collector: Unable to communicate with WMI services."

3.4.35.25 SYS126 : "OS Collector: Unable to collect Application Data."

3.4.35.26 SYS127 : "OS Collector: Unable to collect OS log data"

3.4.35.27 SYS128 : "OS Collector: Unable to generate a zip archive of the OS and Application Data report."

3.4.35.28 SYS129 : "OS Collector: Unable to complete XML transform on the data collected."

3.4.35.29 SYS130 : "OS Collector: Unable to create filename for zip archive."

3.4.35.30 SYS131 : "OS Collector: Unable to communicate with the OS IPMI service."

3.4.35.31 SYS132 : "OS Collector: Unable to communicate with OS Collector IPMI library."

3.4.35.32 SYS133 : "OS Collector: IPMI session error."

3.4.35.33 SYS134 : "OS Collector: Zip archive size exceeded the limit."

3.4.35.34 SYS135 : "OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the applciation successfully."

3.4.35.35 SYS136 : "An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system."

3.4.35.36 SYS137 : "Unable to start the collection of OS and Application Data because the

**Lifecycle Controller is not enabled."**

**3.4.35.37 SYS138 : "Unable to start the collection of OS and Application Data because the server is turned off."**

**3.4.35.38 SYS139 : "Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup."**

**3.4.35.39 SYS140 : "Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS."**

**3.4.35.40 SYS165 : "One or more Tech Support Report data collection options selected did not complete successfully."**

**3.4.35.41 SYS166 : "The collection of OS and Application Data did not start within the allocated time."**

**3.4.35.42 SYS167 : "TTY Log data export did not complete within the allocated time."**

**3.4.35.43 SYS169 : "The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature."**

**3.4.35.44 SYS172 : "A Remote Diagnostic operation has been interrupted."**

**3.4.35.45 SYS173 : "Unable to retrieve the TTY Log because another operation is in progress on the RAID controller."**

**3.4.35.46 SYS174 : "Unable to access network share for exporting Tech Support Report (TSR)."**

**3.4.35.47 SYS177 : "There was an issue retrieving Hardware data."**

**3.4.35.48 SYS178 : "Unable to retrieve TTY log data because no storage controllers are detected in the server."**

**3.4.35.49 SYS179 : "Unable to export TTY log data because the storage controller present in the server does not support the feature."**

**3.4.35.50 SYS180 : "There was an issue encountered when attempted to export TTY Log data for the storage controller <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "ControllerName"

**3.4.35.51 SYS181 :** "Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC."

**3.4.35.52 SYS182 :** "Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress."

**3.4.35.53 SYS183 :** "Unable to allocate memory because of insufficient storage space in iDRAC."

**3.4.35.54 SYS184 :** "Unable to compute the checksum because OS Collector files are not readable."

**3.4.35.55 SYS185 :** "The Tech Support Report job has been cancelled."

**3.4.35.56 SYS186 :** "Unable to start the collection of TTY log data because the server is turned off."

**3.4.35.57 SYS187 :** "Unable to start the collection of TTY log data because the server is in POST and has not finished startup."

### **3.4.36 Subcategory= Temperature [MessageID prefix =TMP]**

**3.4.36.1 TMP0100 :** "The system board <name> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**3.4.36.2 TMP0101 :** "The system board <name> temperature is less than the lower critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**3.4.36.3 TMP0102 :** "The system board <name> temperature is greater than the upper warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**3.4.36.4 TMP0103 :** "The system board <name> temperature is greater than the upper critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**3.4.36.5 TMP0104 :** "The system board <name> temperature is outside of range."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **3.4.36.6 TMP0105 : "The system board <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **3.4.36.7 TMP0106 : "The memory module <number> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.8 TMP0107 : "The memory module <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.9 TMP0108 : "The memory module <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.10 TMP0109 : "The memory module <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.11 TMP0110 : "The memory module <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.12 TMP0111 : "The memory module <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.13 TMP0112 : "The <name> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **3.4.36.14 TMP0113 : "The <name> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**3.4.36.15 TMP0114 : "The <name> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**3.4.36.16 TMP0115 : "The <name> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**3.4.36.17 TMP0116 : "The <name> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

**3.4.36.18 TMP0117 : "The <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"



- 3.4.36.19 TMP0118 : "The system inlet temperature is less than the lower warning threshold."
- 3.4.36.20 TMP0119 : "The system inlet temperature is less than the lower critical threshold."
- 3.4.36.21 TMP0120 : "The system inlet temperature is greater than the upper warning threshold."
- 3.4.36.22 TMP0121 : "The system inlet temperature is greater than the upper critical threshold."
- 3.4.36.23 TMP0122 : "The system inlet temperature is outside of range."
- 3.4.36.24 TMP0123 : "The system inlet temperature is within range."
- 3.4.36.25 TMP0124 : "Disk drive bay temperature is less than the lower warning threshold."
- 3.4.36.26 TMP0125 : "Disk drive bay temperature is less than the lower critical threshold."
- 3.4.36.27 TMP0126 : "Disk drive bay temperature is greater than the upper warning threshold."
- 3.4.36.28 TMP0127 : "Disk drive bay temperature is greater than the upper critical threshold."
- 3.4.36.29 TMP0128 : "Disk drive bay temperature is outside of range."
- 3.4.36.30 TMP0129 : "Disk drive bay temperature is within range."
- 3.4.36.31 TMP0130 : "The control panel temperature is less than the lower warning threshold."
- 3.4.36.32 TMP0131 : "The control panel temperature is less than the lower critical threshold."
- 3.4.36.33 TMP0132 : "The control panel temperature is greater than the upper warning threshold."
- 3.4.36.34 TMP0133 : "The control panel temperature is greater than the upper critical threshold."
- 3.4.36.35 TMP0134 : "The control panel temperature is outside of range."
- 3.4.36.36 TMP0135 : "The control panel temperature is within range."
- 3.4.36.37 TMP0136 : "The system is automatically turned off because of insufficient cooling."
- 3.4.36.38 TMP0137 : "The system cooling is working normally."
- 3.4.36.39 TMP0138 : "The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload."
- 3.4.36.40 TMP0200 : "CPU <number> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.41 TMP0201 : "CPU <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.42 TMP0202 : "CPU <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.43 TMP0203 : "CPU <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.44 TMP0204 : "CPU <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.45 TMP0205 : "CPU <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **3.4.36.46 TMP0300 : "The Enhanced Cooling Mode feature is enabled."**

#### **3.4.36.47 TMP0301 : "The Enhanced Cooling Mode feature is disabled."**

#### **3.4.36.48 TMP0302 : "Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available."**

#### **3.4.36.49 TMP500 : "The <sensor name> sensor has failed with value the <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

#### **3.4.36.50 TMP501 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"

**3.4.36.51 TMP502 : "The <sensor name> sensor has returned to a normal state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 27"

**3.4.36.52 TMP503 : "The <sensor name> sensor state has changed to a warning state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**3.4.36.53 TMP504 : "The <sensor name> sensor has detected an error with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**3.4.36.54 TMP505 : "The <sensor name> sensor has failed with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

### **3.4.37 Subcategory= Temperature Statistics [MessageID prefix =TMPS]**

**3.4.37.1 TMPS0100 :** "Inlet temperature is above warning level for extended duration."

**3.4.37.2 TMPS0101 :** "Inlet temperature is above critical level for extended duration."

**3.4.37.3 TMPS0102 :** "Inlet temperature is above warning level for extended duration."

**3.4.37.4 TMPS0103 :** "Inlet temperature is above critical level for extended duration."

### **3.4.38 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**3.4.38.1 UEFI0000 :** "CPU Exception Type 0x00: Divide by Zero (Software)."

**3.4.38.2 UEFI0001 :** "CPU Exception Type 0x03: Breakpoint (Software)."

**3.4.38.3 UEFI0002 :** "CPU Exception Type 0x04: Overflow (Software)."

**3.4.38.4 UEFI0003 :** "CPU Exception Type 0x05: BOUND Range Exceeded (Software)."

**3.4.38.5 UEFI0004 :** "CPU Exception Type 0x06: Invalid Opcode (Software)."

**3.4.38.6 UEFI0005 :** "CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware)."

**3.4.38.7 UEFI0006 :** "CPU Exception Type 0x08: Double Fault (Software)."

**3.4.38.8 UEFI0007 :** "CPU Exception Type 0x09: Coprocessor Segment Overrun (Software)."

**3.4.38.9 UEFI0008 :** "CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software)."

**3.4.38.10 UEFI0009 :** "CPU Exception Type 0x0B: Segment Not Present (Software)."

**3.4.38.11 UEFI0010 :** "CPU Exception Type 0x0C: Stack-Segment Fault (Software)."

**3.4.38.12 UEFI0011 :** "CPU Exception Type 0x0D: General Protection (Software)."

**3.4.38.13 UEFI0012 :** "CPU Exception Type 0x0E: Page Fault (Software)."

**3.4.38.14 UEFI0013 :** "CPU Exception Type 0x10: Floating Point Error (Software)."

**3.4.38.15 UEFI0014 :** "CPU Exception Type 0x11: Alignment Check (Software)."

**3.4.38.16 UEFI0015 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."

**3.4.38.17 UEFI0016 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."

**3.4.38.18 UEFI0017 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore

in Recovery mode."

**3.4.38.19 UEFI0018 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode."

**3.4.38.20 UEFI0019 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode."

**3.4.38.21 UEFI0022 :** "Unable to initialize Management Engine because the Management Engine is not responding."

**3.4.38.22 UEFI0023 :** "BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding."

**3.4.38.23 UEFI0024 :** "The Management Engine is not responding."

**3.4.38.24 UEFI0025 :** "Unable to initialize Management Engine firmware."

**3.4.38.25 UEFI0026 :** "iDRAC is not responding."

**3.4.38.26 UEFI0028 :** "iDRAC is not responding after a recovery system reset was performed."

**3.4.38.27 UEFI0029 :** "Unable to initialize iDRAC because of some critical issues."

**3.4.38.28 UEFI0031 :** "PCIe downtrain is detected on <device location>. Expected link width: <size> Actual link width: <size>"

When event is generated, message will have the following substitutions:

- <device location> = "Slot 5"
- <size> = "x16"
- <size> = "x8"

**3.4.38.29 UEFI0032 :** "Unable to initialize the TPM chip because the TPM chip is not functioning."

**3.4.38.30 UEFI0034 :** "A CMOS battery loss is detected resulting in an invalid BIOS configuration."

**3.4.38.31 UEFI0036 :** "Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface."

**3.4.38.32 UEFI0037 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI)."

**3.4.38.33 UEFI0038 :** "Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface."

**3.4.38.34 UEFI0039 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI)."

**3.4.38.35 UEFI0040 :** "The TXT feature is disabled because of an unexpected issue."

**3.4.38.36 UEFI0041 :** "Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor."

**3.4.38.37 UEFI0046 :** "An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted."

**3.4.38.38 UEFI0047 :** "One or more keys in the keyboard is stuck and not functional."

**3.4.38.39 UEFI0048 :** "The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning."

**3.4.38.40 UEFI0049 :** "Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated."

**3.4.38.41 UEFI0052 :** "Unable to complete the rebranding operation because of the issue(s) displayed earlier."

**3.4.38.42 UEFI0055 :** "Unable to complete the debranding operation because of the issue(s) displayed earlier."

**3.4.38.43 UEFI0056 :** "A PCIe error has occurred."

**3.4.38.44 UEFI0057 :** "A Machine-Check Exception (MCE) error has occurred."

**3.4.38.45 UEFI0058 :** "An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning."

**3.4.38.46 UEFI0066 :** "A PCIe link training failure is observed in <PCIe device> and the link is disabled. The system has halted."

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 0 Dev: 0 Func: 18"

**3.4.38.47 UEFI0067 : "A PCIe link training failure is observed in <PCIe device> and device link is disabled."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 4 Dev: 0 Func: 0"

**3.4.38.48 UEFI0069 : "A CMOS checksum error has occurred. CMOS is reinitialized."**

**3.4.38.49 UEFI0070 : "One or more correctable PCIe errors have occurred."**

**3.4.38.50 UEFI0076 : "One or more Corrected Machine Check(CMC) errors have occurred."**

**3.4.38.51 UEFI0077 : "One or more PCIe device errors occurred in the previous boot."**

**3.4.38.52 UEFI0078 : "One or more Machine Check errors occurred in the previous boot."**

**3.4.38.53 UEFI0079 : "One or more Uncorrectable Memory errors occurred in the previous boot."**

**3.4.38.54 UEFI0080 : "PCIe link speed is not optimal for <PCIe device>. Expected link speed: Gen <generation number> and actual link speed: Gen <generation number>."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus 4: Dev 0: Func 3"
- <generation number> = "3"
- <generation number> = "2"

**3.4.38.55 UEFI0082 : "The system was reset due to a timeout from the watchdog timer."**

**3.4.38.56 UEFI0083 : "One or more PCI System errors (SERR) have occurred."**

**3.4.38.57 UEFI0084 : "One or more PCI Parity errors (PERR) have occurred."**

**3.4.38.58 UEFI0085 : "One or more chipset errors have occurred."**

**3.4.38.59 UEFI0098 : "The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: <slot number>. As a result, the corresponding DIMM has been disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = "A3"

**3.4.38.60 UEFI0103 : "One or more memory initialization errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A3"

**3.4.38.61 UEFI0106 : "One or more memory correctable training errors have occurred on memory slot: <slot>"**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**3.4.38.62 UEFI0107 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A2"

**3.4.38.63 UEFI0108 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**3.4.38.64 UEFI0109 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**3.4.38.65 UEFI0110 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B2"

**3.4.38.66 UEFI0111 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B5"

**3.4.38.67 UEFI0112 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"



3.4.38.68 UEFI0115 : "The Management Engine firmware has recovered from one or more correctable errors."

3.4.38.69 UEFI0116 : "One or more boot drivers have reported issue(s)."

3.4.38.70 UEFI0117 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1."

3.4.38.71 UEFI0118 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2."

3.4.38.72 UEFI0119 : "The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost."

3.4.38.73 UEFI0120 : "Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding."

3.4.38.74 UEFI0121 : "The primary SD card is missing, not responding, or in write-protected mode."

3.4.38.75 UEFI0122 : "The secondary SD card is missing, not responding, or in write-protected mode."

3.4.38.76 UEFI0123 : "The secondary SD card has now become the primary SD card."

3.4.38.77 UEFI0125 : "Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues."

3.4.38.78 UEFI0129 : "The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue."

3.4.38.79 UEFI0135 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

3.4.38.80 UEFI0136 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

3.4.38.81 UEFI0137 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

3.4.38.82 UEFI0138 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."

3.4.38.83 UEFI0139 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

3.4.38.84 UEFI0140 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

3.4.38.85 UEFI0141 : "Unable to enter System Service Mode (SSM) because the Lifecycle

**Controller (LC) firmware was not accessible."**

**3.4.38.86 UEFI0142 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."**

**3.4.38.87 UEFI0144 : "One or more memory errors have occurred on memory slot: <slot ID>."**

When event is generated, message will have the following substitutions:

- <slot ID> = "A1"

**3.4.38.88 UEFI0146 : "Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result."**

### **3.4.39 Subcategory= vFlash Media [MessageID prefix =VF]**

**3.4.39.1 VF0060 : "Unable to perform the requested operation. Make sure the SD card is inserted and enabled."**

### **3.4.40 Subcategory= vFlash Event [MessageID prefix =VFL]**

**3.4.40.1 VFL0002 : "Unable to query the vFlash media status."**

**3.4.40.2 VFL0003 : "Partition <partition number> does not exist."**

When event is generated, message will have the following substitutions:

- <partition number> = "2/3"

**3.4.40.3 VFL0005 : "No vFlash partitions exist."**

**3.4.40.4 VFL0007 : "No vFlash SD card is present."**

**3.4.40.5 VFL0009 : "vFlash media is currently in use by another operation."**

**3.4.40.6 VFL0010 : "An operation is in progress on the SD card."**

**3.4.40.7 VFL0011 : "vFlash media is not disabled."**

**3.4.40.8 VFL0012 : "vFlash media is not enabled."**

**3.4.40.9 VFL0013 : "The vFlash SD Card is in read-only mode."**

**3.4.40.10 VFL0014 : "The vFlash SD card is not initialized."**

**3.4.40.11 VFL0017 : "Unable to perform the vFlash media operation because the vFlash media partition is corrupted."**

**3.4.40.12 VFL0019 : "The vFlash media partition is already in detached state."**

**3.4.40.13 VFL0020 : "vFlash SD card is not ready."**

**3.4.40.14 VFL0021 : "One of the vFlash SD Card partitions is already attached to the host operating system."**

**3.4.40.15 VFL1001 : "Removable Flash Media <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**3.4.40.16 VFL1002 : "Removable Flash Media <name> is IPMI-function ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**3.4.40.17 VFL1003 : "Removable Flash Media <name> is not IPMI-function ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**3.4.40.18 VFL1004 : "Removable Flash Media <name> is ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**3.4.40.19 VFL1005 : "Removable Flash Media <name> is not ready."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.20 VFL1006 : "Removable Flash Media <name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.21 VFL1007 : "Removable Flash Media <name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.22 VFL1008 : "Failure detected on Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.23 VFL1009 : "Removable Flash Media <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.24 VFL1010 : "Removable Flash Media <name> was activated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.25 VFL1011 : "Removable Flash Media <name> was deactivated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.26 VFL1012 : "Removable Flash Media <name> is booting."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.27 VFL1013 : "Removable Flash Media <name> has finished booting."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.28 VFL1014 : "Removable Flash Media <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.29 VFL1015 : "Removable Flash Media <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.30 VFL1016 : "Media not present for Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **3.4.40.31 VFL1017 : "Media is present for Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

### **3.4.41 Subcategory= vFlash Absent [MessageID prefix =VFLA]**

#### **3.4.41.1 VFLA1000 : "Removable Flash Media <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

### **3.4.42 Subcategory= Voltage [MessageID prefix =VLT]**

#### **3.4.42.1 VLT0100 : "Processor module <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2v"

#### **3.4.42.2 VLT0101 : "Processor module <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **3.4.42.3 VLT0102 : "Processor module <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **3.4.42.4 VLT0103 : "Processor module <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **3.4.42.5 VLT0104 : "Processor module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **3.4.42.6 VLT0105 : "Processor module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

#### **3.4.42.7 VLT0200 : "The system board <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **3.4.42.8 VLT0201 : "The system board <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **3.4.42.9 VLT0202 : "The system board <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **3.4.42.10 VLT0203 : "The system board <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **3.4.42.11 VLT0204 : "The system board <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **3.4.42.12 VLT0205 : "The system board <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "12"

#### **3.4.42.13 VLT0206 : "The memory module <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **3.4.42.14 VLT0207 : "The memory module <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**3.4.42.15 VLT0208 : "The memory module <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**3.4.42.16 VLT0209 : "The memory module <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**3.4.42.17 VLT0210 : "The memory module <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**3.4.42.18 VLT0211 : "The memory module <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

**3.4.42.19 VLT0212 : "The disk drive bay <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.20 VLT0213 : "The disk drive bay <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.21 VLT0214 : "The disk drive bay <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.22 VLT0215 : "The disk drive bay <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.23 VLT0216 : "The disk drive bay <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.24 VLT0217 : "The disk drive bay <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.25 VLT0218 : "The <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.26 VLT0219 : "The <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.27 VLT0220 : "The <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.28 VLT0221 : "The <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.29 VLT0222 : "The <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.30 VLT0223 : "The <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**3.4.42.31 VLT0224 : "The memory module <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:



- <name> = "A"

**3.4.42.32 VLT0225 : "The memory module <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**3.4.42.33 VLT0226 : "The memory module <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**3.4.42.34 VLT0227 : "The memory module <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**3.4.42.35 VLT0228 : "The memory module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**3.4.42.36 VLT0229 : "The memory module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**3.4.42.37 VLT0230 : "The mezzanine card <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**3.4.42.38 VLT0231 : "The mezzanine card <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**3.4.42.39 VLT0232 : "The mezzanine card <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

- <name> = "VRM"

**3.4.42.40 VLT0233 : "The mezzanine card <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**3.4.42.41 VLT0234 : "The mezzanine card <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**3.4.42.42 VLT0235 : "The mezzanine card <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**3.4.42.43 VLT0300 : "CPU <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**3.4.42.44 VLT0301 : "CPU <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**3.4.42.45 VLT0302 : "CPU <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**3.4.42.46 VLT0303 : "CPU <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **3.4.42.47 VLT0304 : "CPU <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **3.4.42.48 VLT0305 : "CPU <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

#### **3.4.42.49 VLT400 : "The <sensor name> sensor has failed with a value <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <voltage> = " 45"

#### **3.4.42.50 VLT401 : "Unable to read <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"

#### **3.4.42.51 VLT402 : "The <sensor name> sensor has returned to a normal state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 1.4"

#### **3.4.42.52 VLT403 : "The <sensor name> sensor state has changed to a warning state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

#### **3.4.42.53 VLT404 : "The <sensor name> sensor detected an error with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

#### **3.4.42.54 VLT405 : "The <sensor name> sensor has failed with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"

- <voltage> = " 2"

### **3.4.43 Subcategory= Virtual Console [MessageID prefix =VRM]**

**3.4.43.1 VRM0009 :** "No Virtual Media devices are currently connected."

**3.4.43.2 VRM0010 :** "Unable to disconnect Virtual Media devices."

**3.4.43.3 VRM0011 :** "The Virtual Media image server is not currently connected."

**3.4.43.4 VRM0012 :** "The Virtual Media image server is already connected."

**3.4.43.5 VRM0013 :** "Virtual Media services is currently attached to the USB interface.\nIt must be detached before the image server can be connected."

**3.4.43.6 VRM0014 :** "Unable to determine current state of Virtual Media USB interface."

**3.4.43.7 VRM0019 :** "Remote Image is now Configured"

**3.4.43.8 VRM0020 :** "Unable to determine current Remote Image state."

## **3.5 Category: Updates**

### **3.5.1 Subcategory= Job Control [MessageID prefix =JCP]**

**3.5.1.1 JCP000 : "New"**

### **3.5.2 Subcategory= Lifecycle Contr [MessageID prefix =LC]**

**3.5.2.1 LC043 : "Work note contains non-printable or reserved characters."**

### **3.5.3 Subcategory= RAC Event [MessageID prefix =RAC]**

**3.5.3.1 RAC0707 : "Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware."**

**3.5.3.2 RAC0724 : "Quick Sync Firmware is successfully updated."**

**3.5.3.3 RAC0725 : "Unable to update the Quick Sync Firmware."**

### **3.5.4 Subcategory= FW Download [MessageID prefix =RED]**

**3.5.4.1 RED000 : "Unrecognized error code encountered."**

**3.5.4.2 RED001 : "Job completed successfully."**

**3.5.4.3 RED002 : "Package successfully downloaded."**

**3.5.4.4 RED003 : "Downloading package."**

**3.5.4.5 RED004 : "Job failed."**

**3.5.4.6 RED005 : "The specified URI is invalid."**

**3.5.4.7 RED006 : "Unable to download Update Package."**

**3.5.4.8 RED007 : "Unable to verify Update Package signature."**

**3.5.4.9 RED008 : "Unable to extract payloads from Update Package."**

**3.5.4.10 RED009 : "Lifecycle Controller is not present."**

**3.5.4.11 RED010 : "The target specified is invalid."**

**3.5.4.12 RED011 : "USC version is not compatible."**

**3.5.4.13 RED012 : "Unable to create Lifecycle Controller update task."**

**3.5.4.14 RED013 : "The DUP specified is not compatible with the target device."**

**3.5.4.15 RED014 : "Job for this device is already present."**

**3.5.4.16 RED015 : "The download protocol specified is not supported."**

**3.5.4.17 RED016 : "Mount of remote share failed."**

**3.5.4.18 RED017 : "The DUP specified is not compatible with the target system."**

**3.5.4.19 RED018 : "Reinstall or Rollback not supported for this device."**

**3.5.4.20 RED019 : "Reinstall or Rollback cannot be performed since no applicable firmware**

was found on the Lifecycle Controller."

**3.5.4.21 RED020 : "Feature not supported on current version of USC."**

**3.5.4.22 RED021 : "The component InstanceID specified is not present on the system."**

**3.5.4.23 RED022 : "Version compatibility check was not successful."**

**3.5.4.24 RED023 : "Lifecycle Controller in use. This job will start when Lifecycle Controller is available."**

**3.5.4.25 RED024 : "The specified job starts when Lifecycle Controller is available."**

**3.5.4.26 RED025 : "<device name> firmware updated successfully. Current version:<firmware version>"**

When event is generated, message will have the following substitutions:

- <device name> = "IDRAC"
- <firmware version> = "3.10"

**3.5.4.27 RED026 : "An internal error occurred while processing updates."**

**3.5.4.28 RED027 : "Insufficient space to upload the requested file."**

**3.5.4.29 RED028 : "Update files were not selected."**

**3.5.4.30 RED029 : "A reboot is pending."**

**3.5.4.31 RED030 : "Reboot is complete."**

**3.5.4.32 RED031 : "Approaching maximum size limit allowed for storing firmware images."**

**3.5.4.33 RED032 : "Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images."**

**3.5.4.34 RED033 : "Unable to reboot system."**

**3.5.4.35 RED034 : "Firmware update in progress."**

**3.5.4.36 RED035 : "<component> Rollback successful. Earlier version:<firmware version>, Current version:<firmware version>."**

When event is generated, message will have the following substitutions:

- <component> = "IDRAC"
- <firmware version> = "9.10.10"
- <firmware version> = "9.30.30"

**3.5.4.37 RED036 : "Firmware updates are available : <component name>"**

When event is generated, message will have the following substitutions:

- <component name> = "Firmware updates available : Enterprise UEFI Diagnostics, 4225A2, 4225.4, OS Drivers Pack, 7.2.0.7, A00, BIOS"

**3.5.4.38 RED037 : "All components firmware match with the specified remote repository."**

**3.5.4.39 RED038 : "A recurring task of type <task type> is added."**

When event is generated, message will have the following substitutions:

- <task type> = "AutoTask"

**3.5.4.40 RED039 : "Settings for a recurring operation of type <operation label> were cleared."**

When event is generated, message will have the following substitutions:

- <operation label> = "AutoTask"

**3.5.4.41 RED040 : "A recurring operation of type <operation type> created a job <job ID>."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"
- <job ID> = "JID"

**3.5.4.42 RED041 : "A recurring operation of type <operation type> was not created because the required license is not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.43 RED042 : "A recurring operation of type <operation type> was not created because the necessary user access rights are not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.44 RED043 : "A recurring operation of type <operation type> was not created because the operation type is disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.45 RED044 : "A recurring operation of type <operation type> was unable to create a job because the required license is not available now."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.46 RED045 : "A recurring operation of type <operation task> was unable to create a job because the necessary user access rights are not available now."**

When event is generated, message will have the following substitutions:

- <operation task> = "AutoTask"

**3.5.4.47 RED046 : "A recurring operation of type <operation type> was unable to create a job because the task type is now disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.48 RED047 : "A recurring operation <operation type> was not created because the operation is already configured."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**3.5.4.49 RED048 : "The job <job ID> was deleted because the recurring operation <operation type> was cleared."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <operation type> = "AutoTask"

**3.5.4.50 RED049 : "The job <job ID> is deleted because the recurring operation <operation type> is currently not enabled."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <operation type> = "AutoTask"

**3.5.4.51 RED050 : "The specified user credentials necessary for downloading an update package were not correct."**

**3.5.4.52 RED051 : "The network file transfer of an update package was not successful."**

**3.5.4.53 RED052 : "Processing of update packages is starting."**

**3.5.4.54 RED053 : "Processing of update packages has completed."**

**3.5.4.55 RED054 : "An update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**3.5.4.56 RED055 : "A reboot job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"



**3.5.4.57 RED056 : "An internal error occurred. Unable to complete the specified operation."**

**3.5.4.58 RED057 : "An internal error occurred. Unable to complete the specified operation."**

**3.5.4.59 RED058 : "A repository update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**3.5.4.60 RED059 : "Unable to create an update job for <component name>."**

When event is generated, message will have the following substitutions:

- <component name> = "ComponentName"

**3.5.4.61 RED060 : "The specified repository catalog is not supported."**

**3.5.4.62 RED061 : "The job is successfully scheduled."**

**3.5.4.63 RED062 : "Unable to successfully authenticate user credentials to the specified repository."**

**3.5.4.64 RED063 : "The iDRAC firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <available firmware version> = "Available"
- <installed firmware version> = "Installed"

**3.5.4.65 RED064 : "The scheduled Update from Repository job completed successfully. Applicable updates were not found."**

**3.5.4.66 RED065 : "The recurring scheduled update from repository job completed and updates were applied. A system restart was not required."**

**3.5.4.67 RED066 : "The recurring scheduled update from repository job completed and updates are staged to run after the next system restart."**

**3.5.4.68 RED067 : "The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates."**

**3.5.4.69 RED068 : "Unable to successfully complete <job ID>: <job result message>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <job result message> = "JobMsg"

**3.5.4.70 RED076 : "Unable to create an Automatic Update schedule, because an invalid parameter is entered."**

**3.5.4.71 RED077 : "Unable to get the Automatic Update schedule information."**

**3.5.4.72 RED078 : "Unable to delete the Automatic Update schedule."**

**3.5.4.73 RED079 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**3.5.4.74 RED080 : "The required parameter <parameter> is not present."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**3.5.4.75 RED081 : "The Automatic Update schedule already exists."**

**3.5.4.76 RED082 : "The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled."**

**3.5.4.77 RED083 : "The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version."**

**3.5.4.78 RED084 : "Unable to update the Chassis firmware. There is a comm. issue between iDRAC and Chassis Management Controller (CMC)."**

**3.5.4.79 RED085 : "Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected."**

**3.5.4.80 RED086 : "Unable to update the Chassis firmware, Chassis Management at Server is not set to Monitor and Configure."**

**3.5.4.81 RED087 : "Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled."**

**3.5.4.82 RED088 : "Unable to update the Chassis firmware because an update operation is already in progress."**

**3.5.4.83 RED089 : "A Chassis firmware update operation is in progress."**

**3.5.4.84 RED090 : "A Chassis firmware update operation is no longer in progress."**

**3.5.4.85 RED091 : "Unable to install Lifecycle Controller firmware."**

**3.5.4.86 RED092 : "The <component name> firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**3.5.4.87 RED093 : "The requested job cannot be scheduled because Lifecycle Controller is not enabled."**

**3.5.4.88 RED094 : "Updating firmware for <component name> from version <available firmware version> to version <installed firmware version>."**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**3.5.4.89 RED095 : "rSPI update for Diags failed."**

**3.5.4.90 RED0101 : "Rollback successfull."**

### **3.5.5 Subcategory= FW Update Job [MessageID prefix =SUP]**

**3.5.5.1 SUP001 : "Insufficient parameters provided."**

**3.5.5.2 SUP002 : "Job creation failure."**

**3.5.5.3 SUP003 : "Invalid URI, target or reboot flag."**

**3.5.5.4 SUP005 : "Invalid reboot value."**

**3.5.5.5 SUP006 : "Update package downloading - Delete failed."**

**3.5.5.6 SUP007 : "iDRAC busy - Delete failed."**

**3.5.5.7 SUP009 : "Driver pack update in progress - Delete failed."**

**3.5.5.8 SUP011 : "Invalid Job ID specified."**

**3.5.5.9 SUP013 : "Update in progress - Delete failed."**

**3.5.5.10 SUP014 : "Unknown error - Delete failed."**

**3.5.5.11 SUP015 : "Input parameters values should not be NULL."**

**3.5.5.12 SUP016 : "Job cannot be scheduled."**

**3.5.5.13 SUP017 : "Invalid start time."**

**3.5.5.14 SUP018 : "Invalid until time."**

**3.5.5.15 SUP019 : "Lifecycle Controller is not enabled."**

**3.5.5.16 SUP020 : "The specified job was deleted"**

**3.5.5.17 SUP021 : "Diagnostics, Driver Pack or Lifecycle Controller update is a direct update and cannot be scheduled."**

**3.5.5.18 SUP022 : "Job store has reached the maximum storage limit."**

**3.5.5.19 SUP024 : "InstanceID value provided for the update operation is invalid"**

**3.5.5.20 SUP025 : "The command was successful"**

**3.5.5.21 SUP026 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

#### **3.5.5.22 SUP027 : "Missing required parameter <parameter>"**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

3.5.5.23 SUP028 : "The GetRepoBasedUpdateList method did not complete successfully."

3.5.5.24 SUP029 : "Firmware versions on server match catalog, applicable updates are not present in the repository."

3.5.5.25 SUP030 : "Proxy IP and User Credential pare valid only if the ProxySupport parameter is TRUE."

3.5.5.26 SUP0100 : "Firmware update operation failed."

3.5.5.27 SUP0101 : "Unable to get firmware update status."

3.5.5.28 SUP0102 : "Invalid TFTP IP address specified."

3.5.5.29 SUP0103 : "TFTP IP address is not reachable."

3.5.5.30 SUP0104 : "TFTP Source path too long."

3.5.5.31 SUP0105 : "Invalid firmware image"

3.5.5.32 SUP0106 : "Unable to locate firmware image file in specified path."

3.5.5.33 SUP0107 : "File path too long."

3.5.5.34 SUP0108 : "A firmware update operation is already in progress."

3.5.5.35 SUP0109 : "A TFTP IP address has not been specified but is required."

3.5.5.36 SUP0110 : "Uninitializing firmware update services. Please wait..."

3.5.5.37 SUP0111 : "Timeout waiting for firmware update process to complete."

3.5.5.38 SUP0112 : "The -p option is not currently supported for remote RACADM and the \noperating system being used."

3.5.5.39 SUP0113 : "TFTP firmware update is currently disabled."

3.5.5.40 SUP0114 : "The firmware update operation could not be completed successfully."

3.5.5.41 SUP0115 : "A firmware update is currently in progress. Unable to reset the\nRAC at this time."

3.5.5.42 SUP0116 : "The RAC configuration has initiated restoration to factory defaults. \nPlease wait up to a minute for this process to complete before accessing \nthe RAC again."

3.5.5.43 SUP0117 : "Firmware rollback initiated successfully. \nThe iDRAC will now reset to complete the firmware rollback operation."

3.5.5.44 SUP0118 : "iDRAC reset failed. Please reset the iDRAC manually to complete the firmware rollback operation."

3.5.5.45 SUP0119 : "Firmware rollback failed"

678

3.5.5.46 SUP0120 : "Preparing for firmware update. Please wait..."

3.5.5.47 SUP0121 : "Firmware update in progress [<Extent of completion> percent

**complete]"**

When event is generated, message will have the following substitutions:

- <Extent of completion> = "50"

**3.5.5.48 SUP0122 : "Firmware update completed successfully"**

**3.5.5.49 SUP0123 : "Firmware update completed successfully. The RAC is in the process of \nresetting. Your connection will be lost. Please wait up to a minute before starting a new session."**

**3.5.5.50 SUP0124 : "Firmware update is not currently in progress"**

**3.5.5.51 SUP0125 : "Current firmware update status is unknown"**

**3.5.5.52 SUP0126 : "Firmware update in progress. Please wait..."**

**3.5.5.53 SUP0127 : "Verifying firmware image"**

**3.5.5.54 SUP0128 : "Ready for firmware update"**

**3.5.5.55 SUP0129 : "Resetting the RAC. Please wait..."**

**3.5.5.56 SUP0130 : "TFTP firmware update has been initiated. This update process may take several minutes to complete."**

**3.5.5.57 SUP0131 : "FTP firmware update has been initiated. This update process may take several minutes to complete."**

**3.5.5.58 SUP0501 : "Invalid catalog file."**

**3.5.5.59 SUP0502 : "Unable to collect system inventory."**

**3.5.5.60 SUP0503 : "Unable to retrieve the system ID."**

**3.5.5.61 SUP0504 : "Unable to authenticate the catalog file in the update repository."**

**3.5.5.62 SUP0505 : "Corrupt catalog file."**

**3.5.5.63 SUP0506 : "Unable to decompress the catalog file."**

**3.5.5.64 SUP0507 : "Unable to download the Update Packages from the FTP server."**

**3.5.5.65 SUP0511 : "Unable to find Diagnostics application."**

**3.5.5.66 SUP0513 : "Unable to access the Update Package."**

**3.5.5.67 SUP0514 : "Unable to perform firmware rollback."**

**3.5.5.68 SUP0515 : "Unable to authenticate the Update Package signature."**

**3.5.5.69 SUP0516 : "Updating firmware for <component> to version <version>."**

When event is generated, message will have the following substitutions:



- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **3.5.5.70 SUP0517 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **3.5.5.71 SUP0518 : "Successfully updated the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

#### **3.5.5.72 SUP0519 : "Unable to validate firmware image for <component>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"

#### **3.5.5.73 SUP0520 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

**3.5.5.74 SUP0522 : "Unable to update the BIOS firmware because write protection is enabled."**

**3.5.5.75 SUP0525 : "Unable to verify the digital signature of the Update Package."**

**3.5.5.76 SUP0526 : "Unable to continue with firmware update."**

**3.5.5.77 SUP0527 : "The Update Package is not supported for this system."**

**3.5.5.78 SUP0528 : "Unable to generate a firmware comparison table."**

**3.5.5.79 SUP0529 : "Unable to access repository."**

**3.5.5.80 SUP0530 : "Incorrect repository path location."**

**3.5.5.81 SUP0531 : "Unable to install the Update Packages."**

**3.5.5.82 SUP0532 : "The repository contains corrupt Update Packages."**

**3.5.5.83 SUP0533 : "Unable to download the update package files from the FTP server."**

**3.5.5.84 SUP0534 : "Unable to locate the catalog file."**

**3.5.5.85 SUP0535 : "Updating <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**3.5.5.86 SUP0536 : "Successfully updated <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**3.5.5.87 SUP0537 : "Unable to continue the firmware update."**

**3.5.5.88 SUP0538 : "Unable to update <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller"

**3.5.5.89 SUP0539 : "Update Packages missing in the repository."**

**3.5.5.90 SUP1901 : "Firmware update initializing."**

**3.5.5.91 SUP1902 : "Firmware update stopping services."**

**3.5.5.92 SUP1903 : "Firmware update verify image headers."**

**3.5.5.93 SUP1904 : "Firmware update checksumming image."**

**3.5.5.94 SUP1905 : "Firmware update programming flash."**

**3.5.5.95 SUP1906 : "Firmware update successful."**

**3.5.5.96 SUP1907 : "Firmware update failed."**

**3.5.5.97 SUP1908 : "Firmware update failed checksum."**

**3.5.5.98 SUP1909 : "Firmware update failed image download."**

**3.5.5.99 SUP1910 : "Firmware update is not pending."**

**3.5.5.100 SUP1911 : "Firmware update initialization complete."**

**3.5.5.101 SUP1912 : "Firmware update RAC recover successful."**

**3.5.5.102 SUP023 : "Duplicate JobID provided as inputs for scheduling."**

### **3.5.6 Subcategory= Software Config [MessageID prefix =SWC]**

**3.5.6.1 SWC5005 : "Unable to update the System Controller (SC) firmware"**

**3.5.6.2 SWC5006 : "System Controller (SC) Firmware Update Successful"**

### **3.5.7 Subcategory= Software Change [MessageID prefix =SWU]**

**3.5.7.1 SWU8500 : "The <update/reinstall/rollback> request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**3.5.7.2 SWU8501 : "The reinstall/rollback request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.3 SWU8502 : "A <update/reinstall/rollback> request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**3.5.7.4 SWU8503 : "A reinstall/rollback request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.5 SWU8504 : "Successfully scheduled the <update/reinstall/rollback> operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**3.5.7.6 SWU8505 : "Successfully scheduled the reinstall/rollback operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.7 SWU8506 : "Completed the Firmware update operation for CMC<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.8 SWU8513 : "Successfully updated the IOM infrastructure firmware of slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.9 SWU8514 : "Unable to update the IOM infrastructure firmware of slot <slot number>. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.10 SWU8515 : "Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.11 SWU8516 : "Unable to update the iDRAC firmware on the server in slot <slot number>. Transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.12 SWU8517 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.13 SWU8518 : "The firmware update operation on the iDRAC on the server in slot <slot number> is stopped."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.14 SWU8519 : "The firmware update operation of the iDRAC on the server in slot <slot number> is stopped. The Image file is corrupted."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.15 SWU8520 : "The firmware update operation of the iDRAC on the server in slot <slot number> is not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.16 SWU8521 : "The firmware update operation of the iDRAC on the server in slot <slot number> was stopped. The selected Image file is not compatible with the server hardware."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.17 SWU8522 : "Unable to update the iDRAC on the server in <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.18 SWU8523 : "The firmware update operation of the iDRAC on the server in slot <slot number> is successfully completed."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.19 SWU8524 : "Unable to update the iDRAC on the server in slot <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.20 SWU8525 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The firmware update timeout limit is exceeded."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.21 SWU8526 : "The firmware update operation of the iDRAC on the server in slot <slot number> is initiated."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**3.5.7.22 SWU8527 : "Successfully completed the iKVM firmware update."**

**3.5.7.23 SWU8528 : "Unable to update the iKVM firmware, because of a checksum error."**

**3.5.7.24 SWU8529 : "Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target."**

**3.5.7.25 SWU8530 : "Unable to update the iKVM firmware."**

**3.5.7.26 SWU8531 : "Unable to update the iKVM firmware. The firmware update timeout limit is exceeded."**

**3.5.7.27 SWU8532 : "Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.28 SWU8533 : "Unable to update the LKVM firmware, because the target is not ready. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.29 SWU8534 : "Unable to update the iKVM firmware."**

**3.5.7.30 SWU8535 : "Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.31 SWU8536 : "Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.32 SWU8537 : "Unable to update the LKVM firmware, because the IP address provided is invalid. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.33 SWU8538 : "Unable to update the iKVM firmware. Reason = 0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.34 SWU8540 : "Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.35 SWU8541 : "Unable to update the PSU firmware, because the Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**3.5.7.36 SWU8542 :** "Unable to update the Active CMC firmware. The Image file transfer process was not successful."

**3.5.7.37 SWU8543 :** "Unable to update the Active CMC firmware. The Image file was not accessible."

**3.5.7.38 SWU8544 :** "Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update."

**3.5.7.39 SWU8545 :** "Unable to update the Standby CMC firmware."

**3.5.7.40 SWU8546 :** "Unable to update the Standby CMC firmware."

**3.5.7.41 SWU8547 :** "Unable to update the Standby CMC firmware. The Image transfer process was not successful."

**3.5.7.42 SWU8548 :** "Unable to update the Standby CMC firmware. The Image was not accessible."

**3.5.7.43 SWU8549 :** "Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful."

**3.5.7.44 SWU8550 :** "Unable to update the firmware of Standby CMC and Active CMC."

**3.5.7.45 SWU8551 :** "Unable to update the firmware of Active CMC. The checksum process was not successful."

**3.5.7.46 SWU8552 :** "Unable to update the firmware of Active CMC."

**3.5.7.47 SWU8553 :** "Unable to update the Active CMC firmware. The Image file was not accessible."

**3.5.7.48 SWU8554 :** "Local CMC firmware update has been initiated."

**3.5.7.49 SWU8555 :** "Active CMC and Standby CMC firmware updates have been initiated."

**3.5.7.50 SWU8561 :** "The firmware downgrade operation is unsuccessful. The new firmware version is not supported for the current hardware configuration."

### **3.5.8 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**3.5.8.1 UEFI0061 :** "The request to change attributes is being processed."

**3.5.8.2 UEFI0062 :** "One or more attributes are successfully changed."

**3.5.8.3 UEFI0063 :** "Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block."

**3.5.8.4 UEFI0064 :** "One or more attributes are successfully configured. The system is being restarted."

**3.5.8.5 UEFI0065 :** "One or more attributes are successfully configured. The system will be



automatically turned off in 5 seconds."

## **3.6 Category: Work Notes**

### **3.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**3.6.1.1 UEFI0050 :** "The process of collecting Brand information is started."

**3.6.1.2 UEFI0051 :** "Brand information is successfully collected. The system is being restarted."

**3.6.1.3 UEFI0053 :** "The debranding process is started."

**3.6.1.4 UEFI0054 :** "Debranding process is completed. The system is being restarted."

### **3.6.2 Subcategory= User Tracking [MessageID prefix =USR]**

**3.6.2.1 USR0001 :** "<message>"

When event is generated, message will have the following substitutions:

- <message> = "test string"

## 4.0 SysLog Event Notification Test Messages

### 4.1 Category: Audit

#### 4.1.1 Subcategory= BIOS Management [MessageID prefix =BIOS]

4.1.1.1 BIOS102 : "A system BIOS update is scheduled that requires a reboot."

4.1.1.2 BIOS103 : "A previously scheduled system BIOS update is canceled."

#### 4.1.2 Subcategory= Chassis Management Controller [MessageID prefix =CMC]

4.1.2.1 CMC8506 : "A command to shut down the CMC was initiated."

4.1.2.2 CMC8507 : "Extended Storage for primary CMC and secondary CMC synchronization is complete."

4.1.2.3 CMC8508 : "Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available."

4.1.2.4 CMC8509 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will be deactivated."

When event is generated, message will have the following substitutions:

- <cmc number> = ""

4.1.2.5 CMC8510 : "Unable to activate the extended storage feature on the secondary CMC: <cmc number>. The feature will return to single CMC mode."

When event is generated, message will have the following substitutions:

- <cmc number> = ""

**4.1.2.6 CMC8511 : "Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs."**

**4.1.2.7 CMC8512 : "The Extended Storage feature activation timed out. The feature is not active."**

**4.1.2.8 CMC8513 : "The Extended Storage feature activation on the secondary CMC timed out. The feature is being returned to single CMC mode."**

**4.1.2.9 CMC8529 : "Unable to perform the requested action on the server-<slot number>, because of insufficient privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.10 CMC8531 : "Unable to perform the requested action on the Sleeve or Sled <slot number> because of insufficient user privileges."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.11 CMC8533 : "Unable to read the FRU information, status = <status value>"**

When event is generated, message will have the following substitutions:

- <status value> = ""

**4.1.2.12 CMC8535 : "Unable to turn on High Power Management for the server <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.13 CMC8538 : "Firmware version string is too long."**

**4.1.2.14 CMC8539 : "The CMC <slot id> is unable to log <event message> event to the Hardware Log."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**4.1.2.15 CMC8540 : "The CMC <slot id> is turned on."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**4.1.2.16 CMC8541 : "The watchdog has reset the CMC <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **4.1.2.17 CMC8542 : "The CMC <slot id> was restarted because of a manual reset."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **4.1.2.18 CMC8543 : "The CMC <slot id> has reset because the thermal threshold was exceeded."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **4.1.2.19 CMC8545 : "Detected a missing process failover condition detected. Process = <process name>."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **4.1.2.20 CMC8546 : "Issues identified with Process <process name>. Failover condition detected."**

When event is generated, message will have the following substitutions:

- <process name> = ""

#### **4.1.2.21 CMC8547 : "Missing kernel module <module name>. Failover condition detected"**

When event is generated, message will have the following substitutions:

- <module name> = ""

#### **4.1.2.22 CMC8548 : "The active Chassis Management Controller external network link is no longer available."**

#### **4.1.2.23 CMC8550 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **4.1.2.24 CMC8551 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

**4.1.2.25 CMC8553 : "An internal error occurred and a failover condition is detected."**

**4.1.2.26 CMC8554 : "An internal network error occurred."**

**4.1.2.27 CMC8555 : "An internal memory error has occurred and a failover condition is detected."**

**4.1.2.28 CMC8557 : "The system health failover is requested. Code <number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**4.1.2.29 CMC8558 : "The system health is restored."**

**4.1.2.30 CMC8561 : "Unable to send the email to <destination> after trying <number> times."**

When event is generated, message will have the following substitutions:

- <destination> = ""

**4.1.2.31 CMC8562 : "The log is cleared."**

**4.1.2.32 CMC8563 : "The KVM is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.33 CMC8564 : "The KVM mapping feature is disabled."**

**4.1.2.34 CMC8565 : "KVM mapping is enabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.35 CMC8566 : "KVM mapping is disabled for the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.36 CMC8567 : "The DVD drive is mapped to the server slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.2.37 CMC8568 : "The DVD drive mapping feature is disabled."**

**4.1.2.38 CMC8569 : "The server slot <slot number> is enabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.2.39 CMC8570 : "The server slot <slot number> is disabled for DVD drive mapping."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.2.40 CMC8571 : "The coin cell battery in the primary CMC is not working."**

#### **4.1.2.41 CMC8572 : "The coin cell battery in CMC <slot id> is not working."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

#### **4.1.2.42 CMC8573 : "The chassis health is <health state>."**

When event is generated, message will have the following substitutions:

- <health state> = ""

#### **4.1.2.43 CMC8603 : "Unable to read the FRU information from the sled <sled slot number>, status <sled status>."**

When event is generated, message will have the following substitutions:

- <sled slot number> = ""

### **4.1.3 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **4.1.3.1 FAN8500 : "Enhanced Cooling Mode is Enabled"**

#### **4.1.3.2 FAN8501 : "Enhanced Cooling Mode is Disabled"**

#### **4.1.3.3 FAN8502 : "The blower <name> is not detected, because it may not be operating optimally. Check for the availability of latest CMC firmware."**

When event is generated, message will have the following substitutions:

- <name> = ""

#### **4.1.3.4 FAN8503 : "Chassis was turned off because more than two internal fans stopped functioning properly."**

### **4.1.4 Subcategory= Feature Card [MessageID prefix =FCD]**

#### **4.1.4.1 FCD8500 : "Unable to apply the <configuration name> configuration. The affected servers (slot <slot number>) are not turned off."**

When event is generated, message will have the following substitutions:

- <configuration name> = ""

#### **4.1.4.2 FCD8501 : "The feature is deactivated: <feature name>."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **4.1.4.3 FCD8503 : "The feature is activated in the chassis: <feature name>"**

When event is generated, message will have the following substitutions:

- <feature name> = ""

#### **4.1.4.4 FCD8504 : "The feature was previously activated on another chassis."**

#### **4.1.4.5 FCD8505 : "The features cannot be deactivated when the chassis is turned on."**

#### **4.1.4.6 FCD8531 : "Unable to activate the <feature name>. The chassis service tag is unavailable."**

When event is generated, message will have the following substitutions:

- <feature name> = ""

### **4.1.5 Subcategory= Hardware Config [MessageID prefix =HWC]**

#### **4.1.5.1 HWC8000 : "Unknown device plug event occurred at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

#### **4.1.5.2 HWC8001 : "A device was added to the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

#### **4.1.5.3 HWC8002 : "The device was removed from the system at this location: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

#### **4.1.5.4 HWC8003 : "A configuration error was detected in the device located here: <device location>. Additional Details: <details>."**

When event is generated, message will have the following substitutions:

- <device location> = "VFlash"
- <details> = " NULL"

## **4.1.6 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**4.1.6.1 IOV2009 :** "The PCIe adapter in the PCIe slot <PCIe slot number> was removed from the slot while the server <server slot number> was turned-on."

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

## **4.1.7 Subcategory= iDRAC Service Module [MessageID prefix =ISM]**

**4.1.7.1 ISM0000 :** "The iDRAC Service Module is started on the operating system (OS) of server."

**4.1.7.2 ISM0001 :** "The iDRAC Service Module detected a OS to iDRAC Pass-through in the <mode> mode. Switch the OS to iDRAC Pass-through to a USB NIC mode."

When event is generated, message will have the following substitutions:

- <mode> = "USB-NIC"

**4.1.7.3 ISM0002 :** "The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode."

**4.1.7.4 ISM0003 :** "The iDRAC Service Module is unable to discover iDRAC from the operating system of the server."

**4.1.7.5 ISM0004 :** "The iDRAC Service Module has successfully started communication with iDRAC."

**4.1.7.6 ISM0005 :** "The iDRAC Service Module has successfully restarted communication with iDRAC."

**4.1.7.7 ISM0006 :** "The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel."

**4.1.7.8 ISM0007 :** "The iDRAC Service Module communication with iDRAC has ended."

**4.1.7.9 ISM0008 :** "Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server."

**4.1.7.10 ISM0009 :** "The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server."

**4.1.7.11 ISM0010 :** "The iDRAC Service Module received a request from the <requesting source name> to stop the services of Service Module."

When event is generated, message will have the following substitutions:



- <requesting source name> = "iDRAC"

**4.1.7.12 ISM0011 : "The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to "disabled" in iDRAC."**

**4.1.7.13 ISM0012 : "The iDRAC Service Module is successfully ended on the server operating system (OS)."**

**4.1.7.14 ISM0013 : "The feature <feature name> is enabled."**

When event is generated, message will have the following substitutions:

- <feature name> = "Operating System Information"

**4.1.7.15 ISM0014 : "The feature <feature name> is disabled."**

When event is generated, message will have the following substitutions:

- <feature name> = "Lifecycle Log Replication"

**4.1.7.16 ISM0015 : "The iDRAC Service Module detected a change in the host name of the server operating system (OS)."**

**4.1.7.17 ISM0016 : "The BMC watchdog reset time is changed to <reset time> seconds."**

When event is generated, message will have the following substitutions:

- <reset time> = "5"

**4.1.7.18 ISM0017 : "The BMC watchdog auto-recovery action is changed from <original action> to <new action>."**

When event is generated, message will have the following substitutions:

- <original action> = "Reboot"
- <new action> = "Powercycle"

**4.1.7.19 ISM0018 :** "The OS Collector application is successfully started on the server operating system (OS)."

**4.1.7.20 ISM0019 :** "The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files."

**4.1.7.21 ISM0020 :** "The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found."

**4.1.7.22 ISM0021 :** "The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found."

**4.1.7.23 ISM0022 :** "The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error."

## **4.1.8 Subcategory= Job Control [MessageID prefix =JCP]**

**4.1.8.1 JCP029 :** "A Job of JobType <parameter> already exists."

When event is generated, message will have the following substitutions:

- <parameter> = "Shutdown"

**4.1.8.2 JCP8501 :** "Job ID: <job ID>. CMC sent <number of settings> properties from <profile name> profile to the server (Service Tag: <service tag> ) in the slot <slot number>."

When event is generated, message will have the following substitutions:

- <job ID> = ""

## **4.1.9 Subcategory= Licensing [MessageID prefix =LIC]**

**4.1.9.1 LIC022 :** "License Manager database locked due to ongoing backup and restore operation."

**4.1.9.2 LIC201 :** "License <entitlement ID> assigned to device <device name> expires in <number of days> days."

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"
- <number of days> = "5"

**4.1.9.3 LIC202 :** "A system error was detected during License Manager startup."

**4.1.9.4 LIC203 :** "The license <entitlement ID> has encountered an error."

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**4.1.9.5 LIC204 : "The License Manager database restore operation failed."**

**4.1.9.6 LIC205 : "License Manager database lock timeout has been exceeded."**

**4.1.9.7 LIC206 : "EULA warning: Importing license <entitlement ID> may violate the End-User License Agreement."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"

**4.1.9.8 LIC207 : "License <entitlement ID> on device <device name> has expired."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**4.1.9.9 LIC208 : "License <entitlement ID> imported to device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**4.1.9.10 LIC209 : "License <entitlement ID> exported from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**4.1.9.11 LIC210 : "License <entitlement ID> deleted from device <device name> successfully."**

When event is generated, message will have the following substitutions:

- <entitlement ID> = "DE00000000825991"
- <device name> = "iDRAC"

**4.1.9.12 LIC211 : "The iDRAC feature set has changed."**

**4.1.9.13 LIC212 : "The CMC features are changed."**

**4.1.9.14 LIC213 : "A system error was detected during License Manager startup."**

**4.1.10 Subcategory= Log event [MessageID prefix =LOG]**

**4.1.10.1 LOG006 : "Test event generated for message ID <message ID>."**

When event is generated, message will have the following substitutions:

- <message ID> = "LOG006"

#### **4.1.10.2 LOG007 : "The previous log entry was repeated <log entry count> times."**

When event is generated, message will have the following substitutions:

- <log entry count> = "0"

#### **4.1.10.3 LOG008 : "The complete Lifecycle Log export was successful."**

#### **4.1.10.4 LOG203 : "Lifecycle Log archived up to Log Sequence number <seq num>."**

When event is generated, message will have the following substitutions:

- <seq num> = "0"

#### **4.1.10.5 LOG320 : "Log monitoring is disabled. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **4.1.10.6 LOG326 : "The Alert Log was cleared."**

#### **4.1.10.7 LOG327 : "An Alert Log backup was created."**

#### **4.1.10.8 LOG328 : "The Server Based Management Mode is enabled."**

#### **4.1.10.9 LOG329 : "The Server Based Management Mode is disabled."**

### **4.1.11 Subcategory= Memory [MessageID prefix =MEM]**

#### **4.1.11.1 MEM8500 : "Low memory condition detected."**

#### **4.1.11.2 MEM8501 : "Low memory warning, <total memory size>KB, <threshold value>KB."**

When event is generated, message will have the following substitutions:

- <total memory size> = ""

#### **4.1.11.3 MEM8502 : "ECC Memory error rate failover condition detected."**

### **4.1.12 Subcategory= PCI Device [MessageID prefix =PCI]**

#### **4.1.12.1 PCI5009 : "The PCIe adapter in the PCIe slot<PCIe slot number> was removed from the slot while the server<server slot number> was turned-on."**

When event is generated, message will have the following substitutions:

- <PCIe slot number> = ""

#### **4.1.13 Subcategory= Power Usage [MessageID prefix =POW]**

**4.1.13.1 POW000 :** "Power on permission error, chassis infrastructure not ready."

**4.1.13.2 POW001 :** "Power on permission error, chassis cover open."

**4.1.13.3 POW002 :** "Power on permission error, unknown component installed in Fabric1/  
Fabric2."

**4.1.13.4 POW003 :** "Power on permission error, no PCI/Mezz card installed in Fabric1/  
Fabric2"

**4.1.13.5 POW004 :** "Power on permission error, unacknowledge use of 110V."

**4.1.13.6 POW005 :** "Power on permission error, CMC is in MPCM mode."

#### **4.1.14 Subcategory= Power Supply [MessageID prefix =PSU]**

**4.1.14.1 PSU8501 :** "Unable to retrieve PSU <slot number> input voltage information."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.2 PSU8502 :** "The PSU in slot <slot number> detected 110 VAC input voltage and does  
not match chassis configuration."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.3 PSU8503 :** "The PSU in slot <slot number> detected 220 VAC input voltage and does  
not match chassis configuration."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.4 PSU8504 :** "The Allow 110 VAC Operation overload risk is not acknowledged."

**4.1.14.5 PSU8505 :** "Unable to set the chassis redundancy policy to AC Redundancy."

**4.1.14.6 PSU8506 :** "Unable to change power cap because Server Based Power Management  
Mode is enabled."

**4.1.14.7 PSU8507 :** "Insufficient power available because PSU in the slot <slot number> is not  
present.."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.8 PSU8508 : "<error string>, PSU<slot number> firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <error string> = ""

**4.1.14.9 PSU8510 : "PSU in slot <slot number> FW updated successfully to version <version number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.10 PSU8511 : "Successfully updated the firmware for the PSU in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.11 PSU8512 : "Unable to update the firmware for the PSU in slot <slot number>. Error=0x<error number> (<error string>)"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.12 PSU8513 : "Unable to complete the PSU slot <number> firmware update. Error=0x<error number>."**

When event is generated, message will have the following substitutions:

- <number> = ""

**4.1.14.13 PSU8515 : "Unable to set the Enable Dynamic Power Supply Engagement attribute."**

**4.1.14.14 PSU8516 : "Unable to set redundancy policy because PSU enumeration is in progress."**

**4.1.14.15 PSU8517 : "PSU redundancy policy changed."**

**4.1.14.16 PSU8518 : "Unable to access the PSU <slot number> FRU data."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.14.17 PSU8519 : "Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended."**

**4.1.14.18 PSU8520 : "Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported."**

**4.1.14.19 PSU8521 : "PSU <slotnum> exceeded upper temperature threshold and has been turned off."**

When event is generated, message will have the following substitutions:

- <slotnum> = ""

#### **4.1.15 Subcategory= Power Usage [MessageID prefix =PWR]**

**4.1.15.1 PWR2250 :** "Unable to turn on the server because the chassis infrastructure not ready."

**4.1.15.2 PWR2251 :** "Unable to turn on the server because the chassis cover is open."

**4.1.15.3 PWR2252 :** "Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem."

**4.1.15.4 PWR2253 :** "Unable to turn on the server because a PCIe card or Mezzanine card is not installed."

**4.1.15.5 PWR2254 :** "The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server."

**4.1.15.6 PWR2255 :** "The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server."

**4.1.15.7 PWR2256 :** "Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components."

**4.1.15.8 PWR2257 :** "The target power allocation override is <override state>. The target power allocation (AC) is <target power> Watts."

When event is generated, message will have the following substitutions:

- <override state> = "Override"
- <target power> = "Target"

**4.1.15.9 PWR2258 :** "The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: <wake threshold> %, Sleep Threshold: <sleep threshold> %."

When event is generated, message will have the following substitutions:

- <wake threshold> = "Wake Threshold"
- <sleep threshold> = "Sleep Threshold"

**4.1.15.10 PWR2260 :** "The Intel Management Engine is unresponsive and the server thermal failsafe state is activated."

**4.1.15.11 PWR2261 :** "Current Monitor initialization issue observed, IMON Revision <current monitor revision number>, CPLD IMON MFR Revision <CPLD revision number>."

When event is generated, message will have the following substitutions:

- <current monitor revision number> = "EMXZ123"
- <CPLD revision number> = "3.2.0"

**4.1.15.12 PWR2262 : "The Intel Management Engine has reported an internal system error."**

**4.1.15.13 PWR2263 : "User ignored Power Supply Oversubscription Warning."**

**4.1.15.14 PWR2404 : "Power supply capacity alert disabled."**

**4.1.15.15 PWR8500 : "Chassis power state updated to <new power state> from <old power state>."**

When event is generated, message will have the following substitutions:

- <new power state> = ""

**4.1.15.16 PWR8501 : "Successfully set Virtual Infrastructure Device power to <power reading> WDC"**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**4.1.15.17 PWR8503 : "The current value of System Input Power Cap (<power value> AC) is less than the upper limit (<power value> AC)."**

When event is generated, message will have the following substitutions:

- <power value> = ""

**4.1.15.18 PWR8504 : "Chassis power button is pressed, but the button is disabled."**

**4.1.15.19 PWR8505 : "The Dynamic Power Supply Engagement feature was not successfully enabled."**

**4.1.15.20 PWR8506 : "Cumulative power computation (KWH) time is reset on <time>."**

When event is generated, message will have the following substitutions:

- <time> = ""

**4.1.15.21 PWR8507 : "System Input Power Cap changed from <previous power value>W AC to <new power value>W AC."**

When event is generated, message will have the following substitutions:

- <previous power value> = ""

**4.1.15.22 PWR8508 : "New power budget (<power value>W AC) may permit future degradation of redundancy."**

When event is generated, message will have the following substitutions:

- <power value> = ""



**4.1.15.23 PWR8509 : "Unable to change the server power priority because Server Based Power Management mode is enabled."**

**4.1.15.24 PWR8510 : "Unable to set chassis power property <property name>."**

When event is generated, message will have the following substitutions:

- <property name> = ""

4.1.15.25 PWR8511 : "Unable to set the CHASSIS\_POWER\_button\_disable chassis power property."

4.1.15.26 PWR8512 : "CMC rebooted, because the power configuration data could not be accessed."

4.1.15.27 PWR8514 : "Unable to perform chassis power action due to insufficient privileges."

4.1.15.28 PWR8515 : "Unable to perform the chassis power action because the chassis is not turned on."

4.1.15.29 PWR8516 : "Unable to perform the chassis power action requested.."

4.1.15.30 PWR8517 : "Unable to turn off chassis power."

4.1.15.31 PWR8518 : "Unable to perform the chassis power action because the chassis is already turned on."

4.1.15.32 PWR8519 : "Unable to perform the chassis power action because the chassis is already turned off."

4.1.15.33 PWR8520 : "Initiated the chassis reset operation."

4.1.15.34 PWR8521 : "Completed chassis reset operation."

4.1.15.35 PWR8522 : "Initiated chassis power cycle operation."

4.1.15.36 PWR8523 : "Completed chassis power cycle operation."

4.1.15.37 PWR8524 : "Redundancy was lost, while Server Performance Over Power Redundancy is enabled."

4.1.15.38 PWR8525 : "110VAC Operation acknowledged."

4.1.15.39 PWR8526 : "110VAC Operation unacknowledged."

4.1.15.40 PWR8527 : "Server slot power priorities changed - reallocating power."

4.1.15.41 PWR8528 : "Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled."

4.1.15.42 PWR8529 : "Max Power Conservation Mode is enabled."

4.1.15.43 PWR8530 : "Max Power Conservation Mode is disabled."

4.1.15.44 PWR8531 : "Server Based Power Management Mode is enabled."

4.1.15.45 PWR8532 : "Server Based Power Management Mode is disabled."

4.1.15.46 PWR8533 : "Power cap changed from <power value> W AC to <power value> W

AC."

When event is generated, message will have the following substitutions:

- <power value> = ""

**4.1.15.47 PWR8534 : "Unable to set Server Based Power Management Mode to enable."**

**4.1.15.48 PWR8535 : "Unable to set Server Based Power Management Mode to disable."**

**4.1.15.49 PWR8536 : "Server Performance Over Power Redundancy is enabled."**

**4.1.15.50 PWR8537 : "Server Performance Over Power Redundancy is disabled."**

**4.1.15.51 PWR8538 : "Power Remote Logging is enabled."**

**4.1.15.52 PWR8539 : "Power Remote Logging is disabled."**

**4.1.15.53 PWR8540 : "Power Remote Logging Interval set to <interval>"**

When event is generated, message will have the following substitutions:

- <interval> = ""

**4.1.15.54 PWR8541 : "Chassis powerup operation initiated."**

**4.1.15.55 PWR8542 : "Chassis powerup operation completed."**

**4.1.15.56 PWR8543 : "Server <slot number> power inventory is not valid. Power inventory reading is Max Power=<max power reading> AC Watt, Min Power=<min power reading> AC Watt, Allocated Power=<allocated power reading> AC Watt"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.57 PWR8544 : "Chassis Management Controller turned off the Server <slot number> because of insufficient power at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.58 PWR8545 : "Chassis Management Controller turned off the server <slot number> because of incorrect power data retrieved from iDRAC at inventory."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.59 PWR8546 : "Chassis shutdown already in progress."**

**4.1.15.60 PWR8547 : "Chassis is already powered off."**

**4.1.15.61 PWR8548 : "Chassis shutdown operation initiated."**

**4.1.15.62 PWR8549 : "Chassis shutdown did not complete successfully."**

**4.1.15.63 PWR8550 : "Chassis shutdown completed."**

**4.1.15.64 PWR8551 : "Successfully set Virtual Infrastructure Device power to <power reading> DC Watt."**

When event is generated, message will have the following substitutions:

- <power reading> = ""

**4.1.15.65 PWR8552 : "Chassis Management Controller is unable to turn on <component name>-<component id> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.66 PWR8554 : "Chassis Management Controller is unable to send power allocation information to <component name>-<component id> at priority <priority number>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.67 PWR8555 : "Chassis Management Controller unable to turn on <component name>-<slot number>at priority <priority number> because of insufficient power. Minimum power needed is <min power> AC Watt, but only <avaialble power> AC Watt is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.68 PWR8556 : "Server <slot number> was shutdown due to insufficient power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.69 PWR8559 : "Power cycle initiated for I/O Module <iIOM slot name>."**

When event is generated, message will have the following substitutions:

- <iIOM slot name> = ""

**4.1.15.70 PWR8560 : "Unable to turn on I/O Module <IOM slot name> due to insufficient chassis power."**

When event is generated, message will have the following substitutions:

- <IOM slot name> = ""

**4.1.15.71 PWR8561 : "Unable to power on server <server number> because of iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.72 PWR8562 : "Unable to power on the server <server number> before power on timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.73 PWR8563 : "Unable to turn on Server <server number> due to I/O fabric inconsistency."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.74 PWR8564 : "Unable to turn on the Server <slot number> because the power request exceeded the System Input Power Cap."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.75 PWR8565 : "Unable to turn off the Server <server number> due to iDRAC communication issue."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.76 PWR8566 : "Unable to turn off the Server <server number> before the Power Off timer expired."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.77 PWR8567 : "Unable to turn off Server <server number> on a power cycle action."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.78 PWR8568 : "Server <slot number> did not gracefully shutdown before the timer expired."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.79 PWR8569 : "Unable to power cycle the server <slot number> because the server is off."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.80 PWR8570 : "Unable to communicate to the iDRAC, when trying to power cycle the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.81 PWR8571 : "Unable to perform the power action requested for the server <server id> because another power action is in progress."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**4.1.15.82 PWR8572 : "Unable to shutdown the server <server id> because the server is off."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**4.1.15.83 PWR8573 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**4.1.15.84 PWR8574 : "The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.85 PWR8575 : "Initiated the Virtual Reseat of server <server id>."**

When event is generated, message will have the following substitutions:

- <server id> = ""

**4.1.15.86 PWR8576 : "Unable to turn on the Sleeve or Sled <slot number> after a virtual reseat operation."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.87 PWR8577 : "A virtual reseat operation is initiated on Sleeve or Sled <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.88 PWR8578 : "Chassis Management Controller is unable to turn on the iDRAC on server-<slot number> because power required is less than available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.89 PWR8579 : "Request to reset the CMC <slot id> is initiated."**

When event is generated, message will have the following substitutions:

- <slot id> = ""

**4.1.15.90 PWR8580 : "Chassis Management Controller is unable to turn on server-<slot number> because the Chassis is not turned on."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.91 PWR8581 : "Chassis Management Controller is unable to turn on server-<slot number> because another chassis power operation is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.92 PWR8582 : "Chassis Management Controller is unable to turn on server-<slot number> because Max Power Conservation Mode is enabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.93 PWR8583 : "Chassis Management Controller is unable to turn on server-<slot number> because unacknowledged 110V PSUs are present."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.94 PWR8584 : "Chassis Management Controller is unable to turn on server-<slot number> because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.95 PWR8585 : "Chassis Management Controller granted the power required to turn on server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.96 PWR8586 : "Chassis Management Controller is unable to turn on server-<slot number> because it is not supported in the VRTX chassis."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.97 PWR8587 : "Chassis Management Controller is unable to turn on server-<slot number> because the chassis enclosure is open."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.98 PWR8588 : "Chassis Management Controller is unable to turn on server-<slot number> because a chassis infrastructure firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.99 PWR8589 : "The server-<slot number> does not have PCIe Mezzanine card in slot B1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.100 PWR8590 : "The server-<slot number> does not have PCIe Mezzanine card in slot C1."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.101 PWR8591 : "Servers are turned off to allocate power to the newly inserted hard disk drives."**

**4.1.15.102 PWR8592 : "Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress."**

**4.1.15.103 PWR8593 : "Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress."**

**4.1.15.104 PWR8594 : "Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested watts> AC Watt is more than available power <available watts> AC Watt."**

When event is generated, message will have the following substitutions:

- <requested watts> = ""

**4.1.15.105 PWR8595 : "Chassis Management Controller is unable to turn on server <slot id> due to insufficient power for the <chassis component name>."**

When event is generated, message will have the following substitutions:



- <slot id> = ""

**4.1.15.106 PWR8596 : "Chassis Management Controller is unable to turn on server-<slot number> because PSU redundancy is lost and the available power is insufficient."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.15.107 PWR8597 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not supported by the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**4.1.15.108 PWR8598 : "The Power Supply Unit (PSU) <PSU number> is turned off because it is not compatible with the other PSUs used in the Chassis."**

When event is generated, message will have the following substitutions:

- <PSU number> = ""

**4.1.15.109 PWR8654 : "Chassis Management Controller (CMC) is unable to send power allocation information to the component <component name>-<component id>."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.110 PWR8655 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power. The minimum required power is <min power> AC Watts, but only <available power> AC Watts is available."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.111 PWR8656 : "Chassis Management Controller (CMC) is unable to turn on the component <component name>-<slot number> because of insufficient power."**

When event is generated, message will have the following substitutions:

- <component name> = ""

**4.1.15.112 PWR8663 : "Unable to turn on the server <server number> because of an inconsistency between the I/O module and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.113 PWR8666 : "iKVM power cycle initiated."**

**4.1.15.114 PWR8667 : "Resetting iKVM to default settings."**

**4.1.15.115 PWR8668 : "iKVM reset initiated."**

**4.1.15.116 PWR8669 : "Unable to turn on the server <server number> because of an inconsistency between the chassis components and mezzanine card."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.15.117 PWR8670 : "Unable to turn on server<slot ID> because the required power <power level> AC Watts exceeds the subsystem Connector Limit <power limit> AC Watts for IO modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <slot ID> = ""

**4.1.15.118 PWR8671 : "The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power <requested power level> AC Watts exceeds the subsystem power limit <power limit> AC Watts for IO Modules, Blowers and Servers."**

When event is generated, message will have the following substitutions:

- <requested power level> = ""

## **4.1.16 Subcategory= RAC Event [MessageID prefix =RAC]**

**4.1.16.1 RAC0400 : "iDRAC memory low."**

**4.1.16.2 RAC0401 : "idracmonitor: <error string>"**

When event is generated, message will have the following substitutions:

- <error string> = "Error String"

**4.1.16.3 RAC0611 : "IP Address cannot be blank."**

**4.1.16.4 RAC0657 : "The file name field must not be blank."**

**4.1.16.5 RAC0660 : "Unable to access the specified file server location."**

**4.1.16.6 RAC0722 : "Failed to program the Chassis assigned MAC address for the NIC.Integrated.<NDC slot number >."**

When event is generated, message will have the following substitutions:

- <NDC slot number > = "1"

**4.1.16.7 RAC0723 : "The firmware version <version number> of the Chassis Management Controller is earlier than the required version <version number>."**

When event is generated, message will have the following substitutions:

- <version number> = "3.0"
- <version number> = "4.0"

**4.1.16.8 RAC0726 : "Auto-throttling is disabled for the server."**

**4.1.16.9 RAC0727 : "Auto-throttling is enabled for the server."**

**4.1.16.10 RAC0801 : "iDRAC is being reset."**

**4.1.16.11 RAC802 : "iDRAC time is set using Network Time Protocol."**

**4.1.17 Subcategory= Redundancy [MessageID prefix =RDU]**

**4.1.17.1 RDU8500 : "CMC<slot number>: active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.2 RDU8501 : "CMC<slot number>: waiting to be reset by other CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.3 RDU8502 : "CMC<slot number> cannot go standby since the other CMC is not present or healthy."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.4 RDU8506 : "CMC<slot number>: enable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.5 RDU8507 : "CMC<slot number>: disable failover"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.6 RDU8508 : "CMC<slot number>: cannot failover since the other CMC is non-functional."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.7 RDU8509 : "CMC<slot number>: cannot failover, chassis is in non-redundant state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.8 RDU8510 : "CMC<slot number>: cannot failover, CMC firmware versions are different"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.9 RDU8511 : "Unable to failover, CMC<slot number> in unknown state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.10 RDU8512 : "CMC<slot number>: firmware versions are different [<local fw version> <factory revision> : <remote version> <factory revision>]"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.11 RDU8513 : "CMC<slot number>: firmware versions are same <fw version> <factory revision>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.12 RDU8514 : "CMC<slot number>: cannot failover, firmware update is in progress."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.13 RDU8515 : "CMC<slot number>: failover was initiated by internal health monitoring process."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.14 RDU8516 : "CMC<slot number>: failover initiated by RACADM interface."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.17.15 RDU8517 : "CMC<slot number>: no action allowed while firmware update is in progress"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.16 RDU8518 : "CMC<slot number>: active CMC<slot number> requests Standby CMC to go active state."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.17 RDU8519 : "Unable to communicate with peer CMC <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.18 RDU8520 : "CMC<slot number>: recovered from unhealthy state"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.19 RDU8521 : "CMC<slot number>: active CMC has been removed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.20 RDU8522 : "CMC<slot number>: standby CMC<slot number> became active"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.21 RDU8523 : "CMC<slot number>: reset by peer CMC"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.17.22 RDU8524 : "CMC<slot number>: failover is not allowed"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.18 Subcategory= Software Config [MessageID prefix =SWC]**

**4.1.18.1 SWC1916 : "Network Time Protocol server configuration has changed."**

**4.1.18.2 SWC1920 : "The Chassis Management at Server Mode is enabled."**

**4.1.18.3 SWC1921 : "The Chassis Management at Server Mode is disabled."**

**4.1.18.4 SWC1923 : "Unable to modify the server configuration by using Quick Sync because invalid credentials are entered."**

**4.1.18.5 SWC1924 : "Unable to modify the server configuration by using Quick Sync."**

**4.1.18.6 SWC8500 : "Unable to generate Profile with [ <number of entries> ] settings."**

When event is generated, message will have the following substitutions:

- <number of entries> = ""

**4.1.18.7 SWC8501 : "Unable to generate Profile."**

**4.1.18.8 SWC8502 : "A Profile is successfully generated with [ <schema count> ] settings."**

When event is generated, message will have the following substitutions:

- <schema count> = ""

**4.1.18.9 SWC8503 : "<profile name> Profile is renamed to <new profile name>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.10 SWC8504 : "<profile name> Profile renamed to <new profile name> and description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.11 SWC8505 : "<profile name> Profile description edited."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.12 SWC8506 : "<profile name> Profile deleted."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.13 SWC8507 : "<profile name> Profile created."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **4.1.18.14 SWC8508 : "Unable to capture Profile from server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.1.18.15 SWC8509 : "Unable to apply <profile name> Profile to server in slot <slot number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **4.1.18.16 SWC8510 : "Unable to apply <profile name> Profile to requested Server(s)"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

#### **4.1.18.17 SWC8511 : "User <user name> was successfully added"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.18 SWC8512 : "Unable to add User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.19 SWC8513 : "Successfully deleted User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.20 SWC8514 : "Unable to delete User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.21 SWC8515 : "Successfully modified privileges of User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.22 SWC8516 : "Unable to modify privileges of User <user name>: <error code>-<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

#### **4.1.18.23 SWC8517 : "Successfully modified password of User <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = ""

**4.1.18.24 SWC8518 : "Unable to modify password of User <user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <user name> = ""

**4.1.18.25 SWC8519 : "Successfully modified user name from <original user name> to <new user name>."**

When event is generated, message will have the following substitutions:

- <original user name> = ""

**4.1.18.26 SWC8520 : "Unable to modify user name from <original user name> to <new\_user name>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <original user name> = ""

**4.1.18.27 SWC8521 : "Unable to modify timeout for session: <SER/TEL/SSH/GUI/RAC/KVM/ERR>: <error code>--<error message>"**

When event is generated, message will have the following substitutions:

- <SER/TEL/SSH/GUI/RAC/KVM/ERR> = ""

**4.1.18.28 SWC8522 : "Chassis Group Leader update of member <member id> configuration successful."**

When event is generated, message will have the following substitutions:

- <member id> = ""

**4.1.18.29 SWC8523 : "Unable to complete Chassis Group Leader update of member <DNS or IP address>."**

When event is generated, message will have the following substitutions:

- <DNS or IP address> = ""

**4.1.18.30 SWC8524 : "Unable to add <target> to Chassis Group because a member already exists with the same addressing information."**

When event is generated, message will have the following substitutions:

- <target> = ""

**4.1.18.31 SWC8525 : "Unable to add member to Chassis Group. Maximum members supported is <maximum number of members>."**

When event is generated, message will have the following substitutions:

- <maximum number of members> = ""



**4.1.18.32 SWC8526 : "Unable to delete Chassis Group member <member id> (<DNS or IP address of member>)"**

When event is generated, message will have the following substitutions:

- <member id> = ""

**4.1.18.33 SWC8527 : "Chassis Management Controller is unable to update the iDRAC user name to "root"."**

**4.1.18.34 SWC8528 : "Chassis Management Controller is unable to update the iDRAC root password."**

**4.1.18.35 SWC8529 : "Chassis Management Controller unable to enable the iDRAC root user."**

**4.1.18.36 SWC8530 : "Chassis Management Controller unable to set administrator access to the iDRAC root user."**

**4.1.18.37 SWC8531 : "Chassis Management Controller unable to set iDRAC administrator role for root user account."**

**4.1.18.38 SWC8532 : "Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs."**

**4.1.18.39 SWC8533 : "Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file."**

**4.1.18.40 SWC8534 : "All keys deleted for all slots of service account."**

**4.1.18.41 SWC8535 : "Unable to add key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.42 SWC8536 : "Unable to add key for slot <slot number> of service account, due to corrupt key."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.43 SWC8537 : "Unable to add key for slot <slot number> of service account, due to the key being too long."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.44 SWC8538 : "Unable to delete key for slot <slot number> of service account, due to problem saving key file."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.45 SWC8539 : "The key delete operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.46 SWC8540 : "The add key operation successfully completed for slot <slot number> of service account."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.47 SWC8541 : "<profile name> Profile imported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.48 SWC8542 : "<profile name> Profile exported."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.49 SWC8600 : "The selected profile was not applied to <server list>."**

When event is generated, message will have the following substitutions:

- <server list> = ""

**4.1.18.50 SWC8601 : "Quick Deploy Profile unable to apply profile <profile name> to server <server number>"**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.51 SWC8602 : "Quick Deploy Profile for server <server number> was not successful."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.18.52 SWC8603 : "Unable to apply profile to server <slot number> using Quick Deploy feature, because the CSIOR feature on Server <slot number> is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.53 SWC8604 : "Quick Deploy Profile: Server <server number> does not support configuration using profiles."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.18.54 SWC8605 : "Quick Deploy Profile: Server <server number> generation information is not recognized."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.18.55 SWC8606 : "Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server <server number>."**

When event is generated, message will have the following substitutions:

- <server number> = ""

**4.1.18.56 SWC8607 : "Quick Deploy Profile: Starting to apply profile <profile name> to server <server number>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.57 SWC8608 : "Server Profiles: unable to access server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.58 SWC8609 : "Server Profiles: unknown response received from server: <slot number> for operation [<wsman\_operation>] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.59 SWC8610 : "Job ID: <job ID>. CMC sent all settings of profile <profile\_name> to Server (Service Tag: <service tag>) in Slot <slot number>."**

When event is generated, message will have the following substitutions:

- <job ID> = ""

**4.1.18.60 SWC8611 : "Profile "<profile name>" and Server (Service Tag: <service tag>) in Slot <slot number>) are not compatible."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.61 SWC8612 : "Unable to fully extract boot device information from profile: <profile name>."**

When event is generated, message will have the following substitutions:

- <profile name> = ""

**4.1.18.62 SWC8613 : "Unable to fully extract <boot list name> boot list settings from the profile."**

When event is generated, message will have the following substitutions:

- <boot list name> = ""

**4.1.18.63 SWC8614 : "Legacy profile setting: <attribute name> is not recognized."**

When event is generated, message will have the following substitutions:

- <attribute name> = ""

**4.1.18.64 SWC8615 : "Profile is successfully generated."**

**4.1.18.65 SWC8616 : "Server in slot <slot number> is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.18.66 SWC8617 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

**4.1.18.67 SWC8618 : "Server Profiles: request <wsman\_method> for server in slot <slot\_number> failed. Message ID <message\_id>. Returned fault: <wsman\_fault>."**

When event is generated, message will have the following substitutions:

- <wsman\_method> = ""

**4.1.18.68 SWC8622 : "Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot <slot\_number>."**

When event is generated, message will have the following substitutions:

- <slot\_number> = ""

**4.1.19 Subcategory= Software Change [MessageID prefix =SWU]**

**4.1.19.1 SWU8556 : "Unable to configure the sled network uplink on sled <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.1.19.2 SWU8557 :** "Invalid firmware: The uploaded firmware image does not contain a verification signature."

**4.1.19.3 SWU8558 :** "Invalid firmware: The uploaded firmware image validation was unsuccessful."

**4.1.19.4 SWU8559 :** "The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported."

**4.1.19.5 SWU8560 :** "The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error."

#### **4.1.20 Subcategory= System Info [MessageID prefix =SYS]**

**4.1.20.1 SYS101 :** "Server Administor Data Manager service has started."

**4.1.20.2 SYS102 :** "Server Administrator Data Manager service has stopped."

**4.1.20.3 SYS103 :** "Administrator has started."

**4.1.20.4 SYS104 :** "Server Administrator is starting."

**4.1.20.5 SYS106 :** "An unknown system control action was initiated by the user."

**4.1.20.6 SYS107 :** "A system reboot was initiated by the user."

**4.1.20.7 SYS108 :** "A system power off was initiated by the user."

**4.1.20.8 SYS109 :** "A system power cycle was initiated by the user."

**4.1.20.9 SYS110 :** "The actions Shutdown OS First and Reboot System were initiated by the user."

**4.1.20.10 SYS111 :** "The actions Shutdown OS First and Power Off System were initiated by the user."

**4.1.20.11 SYS112 :** "The actions Shutdown OS First and Power Cycle System were initiated by the user."

**4.1.20.12 SYS113 :** "An invalid action was requested by the user."

**4.1.20.13 SYS8500 :** "Delay Auto-throttle sent to <number of servers> server(s). <error string> <errors>"

When event is generated, message will have the following substitutions:

- <number of servers> = ""

### **4.1.21 Subcategory= Temperature [MessageID prefix =TMP]**

#### **4.1.21.1 TMP8500 : "I/O Module <iom slot name> temperature exceeded operating range."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

#### **4.1.21.2 TMP8501 : "Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system."**

#### **4.1.21.3 TMP8502 : "Able to read planar board temperature sensors. Cooling set for normal chassis operation."**

### **4.1.22 Subcategory= User Tracking [MessageID prefix =USR]**

#### **4.1.22.1 USR0007 : "<username> closing session from <ip\_address>"**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <ip\_address> = "192.168.1.1"

#### **4.1.22.2 USR0008 : "The Default Login Warning feature is disabled."**

#### **4.1.22.3 USR0030 : "Successfully logged in using <username>, from <IP address> and <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **4.1.22.4 USR0031 : "Unable to log in for <username> from <IP address> using <interface name>."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **4.1.22.5 USR0032 : "The session for <username> from <IP address> using <interface name> is logged off."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **4.1.22.6 USR0033 : "Login for <username> from <IP address> using <interface name> was incomplete."**

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"
- <interface name> = "GUI"

#### **4.1.22.7 USR0034 : "Login attempt alert for <username> from <IP Address> using <interface name>, IP will be blocked for <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <username> = "User"
- <IP Address> = "IPAddress"
- <interface name> = "Interface"
- <seconds> = "Seconds"

#### **4.1.22.8 USR0150 : "Opening a remote VNC session from IP address <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **4.1.22.9 USR0151 : "The remote VNC session from the IP address <IP address> is logging off."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **4.1.22.10 USR0152 : "Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP <IP address>."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **4.1.22.11 USR0153 : "Logging off the remote VNC session from the IP address <IP address>, because the session timed out."**

When event is generated, message will have the following substitutions:

- <IP address> = "192.168.1.1"

#### **4.1.22.12 USR0170 : "The Front Panel USB port is attached to iDRAC Disk.USBFront.<port number>. Device details: Device class <class>, Vendor ID <vendor ID>, Manufacturer Name <manufacture name>, Product ID <product ID>, Product Name <product name>, Serial Number <serial>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"

- <vendor ID> = "Vendor"
- <manufacture name> = "Man"
- <product ID> = "Prod"
- <product name> = "Name"
- <serial> = "Serial"

**4.1.22.13 USR0171 : "The Front Panel USB port is detached from the iDRAC Disk.USBFront.<port number>. Device Details: Device Class <class>, Vendor ID <vendor ID>, Product ID <product ID>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"
- <class> = "Class"
- <vendor ID> = "Vendor"
- <product ID> = "Product"

**4.1.22.14 USR0172 : "The Front Panel USB Management Port Mode setting is changed from <previous mode> to <new mode>."**

When event is generated, message will have the following substitutions:

- <previous mode> = "OldMode"
- <new mode> = "NewMode"

**4.1.22.15 USR0173 : "The Front Panel USB port switched automatically from iDRAC to operating system."**

**4.1.22.16 USR0174 : "The Front Panel USB device is removed from the operating system."**

**4.1.22.17 USR0175 : "The Front Panel USB Port Over Current is detected for the attached device on Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"

**4.1.22.18 USR0176 : "The Front Panel USB Port Over Current condition is cleared for the attached device Disk.USBFront.<port number>."**

When event is generated, message will have the following substitutions:

- <port number> = "Port"



**4.1.22.19 USR0177 : "Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode."**

**4.1.22.20 USR0180 : "The Quick Sync feature is enabled because the activate button on the bezel was pressed."**

**4.1.22.21 USR0181 : "The Quick Sync feature is deactivated because the inactivity timeout limit was reached."**

**4.1.22.22 USR0182 : "Server information has been accessed by using the iDRAC Quick Sync feature."**

**4.1.22.23 USR0183 : "A bezel with the iDRAC Quick Sync feature is detected."**

**4.1.22.24 USR0184 : "A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available."**

**4.1.22.25 USR0190 : "Peak value is reset for <sensor type> sensor."**

When event is generated, message will have the following substitutions:

- <sensor type> = "SensorType"

**4.1.22.26 USR8500 : "Excessive login failures from <IP address>; blocked for <number> seconds."**

When event is generated, message will have the following substitutions:

- <IP address> = ""

**4.1.22.27 USR8501 : "Successfully closed Session process: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

**4.1.22.28 USR8502 : "Successfully closed Session: pid=<process ID> sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <process ID> = ""

**4.1.22.29 USR8503 : "Domain user authentication was not successful. Reason code = <error num>"**

When event is generated, message will have the following substitutions:

- <error num> = ""

**4.1.22.30 USR8504 : "The IP address specified is out of range."**

**4.1.22.31 USR8505 : "Successfully invalidated Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **4.1.22.32 USR8506 : "Successfully closed Session: sid=<session ID>"**

When event is generated, message will have the following substitutions:

- <session ID> = ""

#### **4.1.22.33 USR8507 : "<Session type> login was not successful (username=<user name>, ip=<IP address>, error=0x<error number>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **4.1.22.34 USR8508 : "<Session type> login was not successful (username=<user name>, ip=<ip address>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **4.1.22.35 USR8509 : "Login was not successful (username=<username>, ip=<ip address>, error=0x<error no>, type=<error type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

#### **4.1.22.36 USR8510 : "Login was successful <description>(username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

#### **4.1.22.37 USR8511 : "Login was successful <description> from <address> (username=<username>, type=<session type>, sid=<session ID>)"**

When event is generated, message will have the following substitutions:

- <description> = ""

#### **4.1.22.38 USR8512 : "<Session type> login was not successful (username=<user name>, reason=<failure reason>)"**

When event is generated, message will have the following substitutions:

- <Session type> = ""

#### **4.1.22.39 USR8513 : "<username> login from <description> (type=<session type>)"**

When event is generated, message will have the following substitutions:

- <username> = ""

## 4.2 Category: Configuration

### 4.2.1 Subcategory= Backup/Restore [MessageID prefix =BAR]

**4.2.1.1 BAR054 :** "System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery unsuccessful."

**4.2.1.2 BAR113 :** "Unable to create an Automatic Backup job."

**4.2.1.3 BAR114 :** "An Automatic Backup job <job ID> is created."

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**4.2.1.4 BAR115 :** "The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1."

**4.2.1.5 BAR116 :** "Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours."

**4.2.1.6 BAR117 :** "The iDRAC firmware cannot be restored due to hardware compatibility restraints."

### 4.2.2 Subcategory= BIOS Management [MessageID prefix =BIOS]

**4.2.2.1 BIOS027 :** "Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute <attribute name>."

When event is generated, message will have the following substitutions:

- <attribute name> = "AttributeName"

**4.2.2.2 BIOS028 :** "Unable to change the BIOS password using plain text because the password is currently being configured using a hash."

**4.2.2.3 BIOS029 :** "Unable to change the BIOS password because an Export Server Profile operation is already running."

**4.2.2.4 BIOS030 :** "Unable to change the BIOS password because an Import Server Profile operation is already running."

**4.2.2.5 BIOS101 :** "Unable to read or change any of the system BIOS configuration settings."

### 4.2.3 Subcategory= BOOT Control [MessageID prefix =BOOT]

**4.2.3.1 BOOT8500 :** "Unable to change the BIOS boot order for the Server <slot number>"

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.2.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**4.2.4.1 CMC001 : "The command was successful."**

**4.2.4.2 CMC002 : "General failure."**

**4.2.4.3 CMC003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter"

**4.2.4.4 CMC004 : "Invalid parameter value for <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

**4.2.4.5 CMC005 : "Mismatch in AttributeName and AttributeValue count."**

**4.2.4.6 CMC401 : "Changing the Reserved QuickDeploy IP Addresses setting to <number of IP address> may create an issue in the future if higher density server nodes are inserted in to the Chassis (for example, quarter-height servers). Press OK to continue."**

When event is generated, message will have the following substitutions:

- <number of IP address> = ""

**4.2.4.7 CMC8501 : "Chassis Group Leader has synchronized this members configuration."**

**4.2.4.8 CMC8601 : "The Chassis group <group name> is created."**

When event is generated, message will have the following substitutions:

- <group name> = ""

**4.2.4.9 CMC8602 : "The Chassis group <group name> is deleted."**

When event is generated, message will have the following substitutions:

- <group name> = ""

#### **4.2.5 Subcategory= Cert Mgmt [MessageID prefix =DH]**

**4.2.5.1 DH010 :** "Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active."

#### **4.2.6 Subcategory= Auto-Discovery [MessageID prefix =DIS]**

**4.2.6.1 DIS100 :** "The AutoConfig operation is successful."

**4.2.6.2 DIS101 :** "The execution of AutoConfig operation is started."

**4.2.6.3 DIS102 :** "Unable to start the AutoConfig import operation, because the AutoConfig import file is not available."

**4.2.6.4 DIS103 :** "The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.5 DIS104 :** "The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.6 DIS105 :** "The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.7 DIS106 :** "Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.8 DIS107 :** "Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.9 DIS108 :** "Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled."

**4.2.6.10 DIS109 :** "Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC."

**4.2.6.11 DIS110 :** "The AutoConfig operation is completed."

#### **4.2.7 Subcategory= Fan Event [MessageID prefix =FAN]**

**4.2.7.1 FAN900 :** "The Enhanced Cooling Mode is successfully enabled."

**4.2.7.2 FAN901 :** "The Enhanced Cooling Mode is successfully disabled."

**4.2.7.3 FAN902 :** "Cannot enable the Enhanced Cooling Mode because sufficient power is

not available."

**4.2.7.4 FAN903 :** "Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis."

**4.2.7.5 FAN904 :** "Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled."

**4.2.7.6 FAN905 :** "Applying fan configuration settings. This may take several seconds."

**4.2.7.7 FAN906 :** "Changes are not made to the current settings."

**4.2.7.8 FAN907 :** "The Enhanced Cooling Mode feature is already enabled."

**4.2.7.9 FAN908 :** "The Enhanced Cooling Mode feature is already disabled."

**4.2.7.10 FAN911 :** "The attempt to enable the Enhanced Cooling Mode was not successful."

## **4.2.8 Subcategory= Fiber Channel [MessageID prefix =FC]**

**4.2.8.1 FC001 :** "The command was successful."

**4.2.8.2 FC002 :** "Unable to allocate memory."

**4.2.8.3 FC003 :** "Missing required parameter."

**4.2.8.4 FC004 :** "Invalid parameter value for <parameter value>"

When event is generated, message will have the following substitutions:

- <parameter value> = "FC attribute name"

**4.2.8.5 FC005 :** "The number of **AttributeName** array elements does not match the **AttributeValue** array element count."

**4.2.8.6 FC006 :** "Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled."

**4.2.8.7 FC007 :** "A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled."

**4.2.8.8 FC008 :** "No pending data present to create a Configuration job."

**4.2.8.9 FC009 :** "Lifecycle Controller is currently in use."

**4.2.8.10 FC010 :** "Unable to create Configuration job because Lifecycle Controller is not enabled."

**4.2.8.11 FC011 :** "Configuration job already created, pending data cannot be deleted"

**4.2.8.12 FC012 :** "No pending data to delete."

**4.2.8.13 FC013 :** "Invalid **AttributeName**: <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**4.2.8.14 FC014 :** "Invalid **AttributeValue** parameter content for corresponding **AttributeName** <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**4.2.8.15 FC015 :** "Unable to change read-only attribute <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**4.2.8.16 FC016 :** "Unable to change the attribute value of the disabled attribute <parameter name>."

When event is generated, message will have the following substitutions:

- <parameter name> = "FC attribute name"

**4.2.8.17 FC017 : "Unable to perform the operation due to an internal error in iDRAC."**

#### **4.2.9 Subcategory= Hardware Config [MessageID prefix =HWC]**

**4.2.9.1 HWC0001 : "Unable to complete the operation as there is no response from iDRAC."**

**4.2.9.2 HWC0002 : "Unable to detect vFlash SD card."**

**4.2.9.3 HWC0003 : "Successfully initialized vFlash SD card."**

**4.2.9.4 HWC0004 : "Unable to initialize vFlash SD card."**

**4.2.9.5 HWC0005 : "Internal error while retrieving update information."**

**4.2.9.6 HWC0006 : "Unable to save vFlash SD card settings."**

**4.2.9.7 HWC0007 : "Unable to load vFlash SD card settings."**

**4.2.9.8 HWC0008 : "Unable to communicate with iDRAC."**

**4.2.9.9 HWC0009 : "Unable to enable vFlash SD card."**

**4.2.9.10 HWC0010 : "Invalid folder name or USB drive not found."**

**4.2.9.11 HWC0011 : "Insufficient space to copy the file to the USB drive."**

**4.2.9.12 HWC0012 : "Unable to write to the USB drive."**

**4.2.9.13 HWC0013 : "Unable to copy the file to USB drive."**

**4.2.9.14 HWC0014 : "Unable to detect vFlash SD card."**

**4.2.9.15 HWC0015 : "iDRAC not responding."**

**4.2.9.16 HWC0016 : "iDRAC communication failure."**

#### **4.2.10 Subcategory= IO Identity Optimization [MessageID prefix =I0ID]**

**4.2.10.1 I0ID001 : "The Input/Output Identity (I/O Identity) optimization feature is enabled."**

**4.2.10.2 I0ID002 : "The Input/Output Identity (I/O Identity) optimization feature is disabled."**

**4.2.10.3 I0ID003 : "The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"



#### **4.2.10.4 IOD004 : "Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **4.2.10.5 IOD005 : "Storage Initiator Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **4.2.10.6 IOD006 : "Storage Target Persistence Policy setting is changed to <restart type>."**

When event is generated, message will have the following substitutions:

- <restart type> = "AC Cycle and Cold Boot and Warm Boot"

#### **4.2.10.7 IOD110 : "The virtual address of NIC <controller> Port <port> is configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **4.2.10.8 IOD111 : "Unable to configure the virtual address of NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

#### **4.2.10.9 IOD112 : "The initiator properties of the NIC <Controller> Port <Port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **4.2.10.10 IOD113 : "Unable to configure the initiator properties of NIC <Controller> Port <Port>."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **4.2.10.11 IOD114 : "The target settings properties of the NIC <controller> Port <port> are successfully configured."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"

- <port> = " 1"

#### **4.2.10.12 IOD115 : "Unable to configure the target settings properties of the NIC <controller> Port <port>."**

When event is generated, message will have the following substitutions:

- <controller> = "Integrated 1"
- <port> = " 1"

**4.2.10.13 IOID116 :** "Applying I/O Identity settings based on current persistence policy settings."

**4.2.10.14 IOID117 :** "The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully."

**4.2.10.15 IOID118 :** "Unable to configure some or all I/O Identity settings based on current persistence policy settings."

**4.2.10.16 IOID119 :** "FlexAddress is enabled on all NIC and FC HBA devices."

#### **4.2.11 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**4.2.11.1 IOV000 :** "Successfully completed the operation."

**4.2.11.2 IOV001 :** "The operation contains an invalid request or argument."

**4.2.11.3 IOV002 :** "Unable to create or allocate the required resources."

**4.2.11.4 IOV003 :** "Unable to manage the device located in the PCIe slot specified in the operation."

**4.2.11.5 IOV004 :** "Unable to turn on PCIe adapter."

**4.2.11.6 IOV005 :** "Chassis Management Controller (CMC) is not ready to run commands."

**4.2.11.7 IOV006 :** "Incorrect Chassis Infrastructure Mainboard firmware version."

**4.2.11.8 IOV007 :** "Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component."

**4.2.11.9 IOV008 :** "Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode."

**4.2.11.10 IOV009 :** "Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings."

**4.2.11.11 IOV010 :** "Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server."

**4.2.11.12 IOV011 :** "Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off."

**4.2.11.13 IOV012 :** "Unable to assign a virtual adapter (VA) to a non-default server because a license is required."

**4.2.11.14 IOV013 :** "Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA."

**4.2.11.15 IOV101 :** "A PCIe adapter <device name> is inserted in <slot type> <slot number>."

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.2.11.16 IOV102 : "A PCIe adapter <device name> is removed from <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.2.11.17 IOV103 : "A PCIe adapter <device name> in <slot type><slot number> is replaced by PCIe adapter <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.2.11.18 IOV114 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> assigned to server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**4.2.11.19 IOV115 : "Unable to allocate <number of watts> WATTS for discovery of PCIE adapters."**

When event is generated, message will have the following substitutions:

- <number of watts> = ""

**4.2.11.20 IOV117 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> was unassigned/unmapped from server-<server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**4.2.11.21 IOV119 : "PCIe ride-through mode is disabled."**

**4.2.11.22 IOV120 : "PCIe ride-through mode is enabled."**

**4.2.11.23 IOV121 : "PCIe ride-through time out has changed from <seconds> to <seconds> seconds."**

When event is generated, message will have the following substitutions:

- <seconds> = ""

**4.2.11.24 IOV122 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> is mapped/assigned to extension of server slot <server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**4.2.11.25 IOV123 : "<"PCIE Slot" or "PERC VA"> <slot number or VA number> is unassigned/  
unmapped from extended server slot <server number>."**

When event is generated, message will have the following substitutions:

- <"PCIE Slot" or "PERC VA"> = ""

**4.2.11.26 IOV1001 : "The requested operation was successfully executed."**

**4.2.11.27 IOV1002 : "The operation was not successful."**

**4.2.11.28 IOV1003 : "Missing required parameter <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "Param1"

**4.2.11.29 IOV1004 : "Too many slots provided as parameters to Assign and UnAssign Servers  
methods."**

**4.2.11.30 IOV1005 : "Invalid slot FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**4.2.11.31 IOV1006 : "Invalid PCI slot or Server slot."**

**4.2.11.32 IOV1007 : "Unable to assign a PCIe slot."**

**4.2.11.33 IOV1008 : "Invalid Virtual Adapter FQDD <FQDD value>."**

When event is generated, message will have the following substitutions:

- <FQDD value> = "Param1"

**4.2.11.34 IOV1009 : "Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count."**

**4.2.11.35 IOV2001 : "A PCIe card carrier containing a PCIe card is inserted in PCIe slot <slot  
number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.2.11.36 IOV2002 : "A PCIe card carrier that does not contain a PCIe card is inserted in the  
PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.2.11.37 IOV2003 : "A PCIe card carrier is removed from the PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.2.12 Subcategory= DRAC IP Address [MessageID prefix =IPA]**

##### **4.2.12.1 IPA0100 : "The iDRAC IP Address changed from <old IP Address> to <new IP Address>."**

When event is generated, message will have the following substitutions:

- <old IP Address> = "192.168.1.100"
- <new IP Address> = "192.168.2.100"

#### **4.2.13 Subcategory= Job Control [MessageID prefix =JCP]**

##### **4.2.13.1 JCP002 : "Unable to schedule the job."**

##### **4.2.13.2 JCP032 : "Unable to create a job because conflicting options are entered."**

##### **4.2.13.3 JCP027 : "Job created successfully."**

##### **4.2.13.4 JCP028 : "Job status updated."**

##### **4.2.13.5 JCP030 : "Unable to schedule jobs while an iDRAC firmware update or configuration job is running."**

##### **4.2.13.6 JCP031 : "Unable to delete the job because the configuration is still being committed."**

#### **4.2.14 Subcategory= Lifecycle Contr [MessageID prefix =LC]**

##### **4.2.14.1 LC062 : "Export or Import server profile operation is already running."**

##### **4.2.14.2 LC063 : "Cannot create new jobs until the existing running jobs are completed or deleted."**

##### **4.2.14.3 LC064 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

##### **4.2.14.4 LC065 : "The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is <attribute key>."**

When event is generated, message will have the following substitutions:

- <attribute key> = "attribute key"

**4.2.14.5 LC066 :** "The Export Certificate operation is currently running."

**4.2.14.6 LC067 :** "Successfully exported SSL Certificate."

**4.2.14.7 LC068 :** "Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress."

**4.2.14.8 LC069 :** "Certificate does not exist."

**4.2.14.9 LC070 :** "Unable to find the configuration XML import file."

**4.2.14.10 LC071 :** "The Lifecycle Controller version does not support the export or import of the Server Configuration XML file."

**4.2.14.11 LC072 :** "An SSL Certificate is successfully generated."

**4.2.14.12 LC073 :** "Unable to generate an SSL Certificate because one or more mandatory security attributes are invalid."

**4.2.14.13 LC074 :** "The Certificate export operation did not complete successfully."

**4.2.14.14 LC075 :** "The Custom Signed Certificate (CSC) is deleted successfully. iDRAC will now restart and be unavailable during restart"

**4.2.14.15 LC076 :** "Unable to perform the Custom Signed Certificate (CSC) certificate delete operation."

**4.2.14.16 LC077 :** "Certificate imported successfully.Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active"

#### **4.2.15 Subcategory= Log event [MessageID prefix =LOG]**

**4.2.15.1 LOG204 :** "Lifecycle Log archive operation did not complete."

**4.2.15.2 LOG300 :** "The system recovered from Chassis Log file corruption."

**4.2.15.3 LOG302 :** "The Chassis Log file header is corrupted."

**4.2.15.4 LOG303 :** "Unable to archive the Chassis Log file."

**4.2.15.5 LOG305 :** "The Chassis Log file was cleared."

**4.2.15.6 LOG501 :** "General failure."

**4.2.15.7 LOG502 :** "Missing required parameter <parameter>."

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

#### **4.2.15.8 LOG503 : "Invalid value for the parameter, <parameter>."**

When event is generated, message will have the following substitutions:

- <parameter> = "parameter"

#### **4.2.15.9 LOG504 : "Chassis Log Export was successful."**

#### **4.2.15.10 LOG505 : "Cannot access network share."**

#### **4.2.15.11 LOG506 : "An instance of ExportChassisLog is already running."**

#### **4.2.15.12 LOG507 : "Resource allocation failure."**

#### **4.2.15.13 LOG508 : "Unable to write to the network share."**

#### **4.2.15.14 LOG509 : "The value exceeds the maximum length of <max parameter length> characters for <parameter name>."**

When event is generated, message will have the following substitutions:

- <max parameter length> = "max parameter length"
- <parameter name> = " parameter name"

#### **4.2.15.15 LOG510 : "Unable to perform the operation due to an unknown error in CMC."**

### **4.2.16 Subcategory= OS Deployment [MessageID prefix =OSD]**

#### **4.2.16.1 OSD1 : "The command was successful."**

#### **4.2.16.2 OSD062 : "The process of installing an operating system or hypervisor is started and is in progress."**

#### **4.2.16.3 OSD063 : "The process of installing an operating system or hypervisor is successfully completed."**

#### **4.2.16.4 OSD064 : "The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure."**

#### **4.2.16.5 OSD065 : "Operating System/Hypervisor Installation did not complete successfully."**

### **4.2.17 Subcategory= PCI Device [MessageID prefix =PCI]**

#### **4.2.17.1 PCI5001 : "A PCIe card carrier containing a PCIe card is inserted in PCIe slot<slot number> ."**

When event is generated, message will have the following substitutions:

- <slot number> = ""



#### **4.2.17.2 PCI5002 : "A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot<slot number> ."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.2.17.3 PCI5003 : "A PCIe card carrier is removed from the PCIe slot<slot number> ."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **4.2.18 Subcategory= Part Exchange [MessageID prefix =PR]**

#### **4.2.18.1 PR36 : "Version change detected for <device name> firmware. Previous version:<previous version>, Current version:<current version>"**

When event is generated, message will have the following substitutions:

- <device name> = "device name"
- <previous version> = " previous version"
- <current version> = " current version"

### **4.2.19 Subcategory= Power Usage [MessageID prefix =PWR]**

#### **4.2.19.1 PWR8601 : "Multinode sled power button disabled"**

#### **4.2.19.2 PWR8602 : "Multinode sled power button enabled"**

#### **4.2.19.3 PWR8664 : "The Dynamic Power Supply Engagement feature is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

#### **4.2.19.4 PWR8665 : "Chassis power button is <enabled/disabled>"**

When event is generated, message will have the following substitutions:

- <enabled/disabled> = "enabled"

### **4.2.20 Subcategory= RAC Event [MessageID prefix =RAC]**

#### **4.2.20.1 RAC050 : "Invalid country code."**

#### **4.2.20.2 RAC051 : "Unsupported parameter name <parameter name>."**

When event is generated, message will have the following substitutions:

- <parameter name> = "parameter name"

**4.2.20.3 RAC052 : "Unable to create a configuration job because an existing configuration job is already in progress."**

**4.2.20.4 RAC053 : "OS to iDRAC pass-through is disabled."**

**4.2.20.5 RAC054 : "User account attributes cannot be reset to default values due to an internal error."**

**4.2.20.6 RAC055 : "User name cannot be cleared because the user account is enabled in the input configuration XML file."**

**4.2.20.7 RAC056 : "Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**4.2.20.8 RAC057 : "Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: <user ID>"**

When event is generated, message will have the following substitutions:

- <user ID> = "user ID"

**4.2.20.9 RAC058 : "AttributeValue is not unique for AttributeName <attribute name>."**

When event is generated, message will have the following substitutions:

- <attribute name> = "attribute name"

**4.2.20.10 RAC059 : "Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled."**

**4.2.20.11 RAC060 : "Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server <attribute name>"**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"

**4.2.20.12 RAC061 : "Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.."**

**4.2.20.13 RAC062 : "Unable to set the WatchdogResetTime because the IPMI Watchdog state is disabled."**

**4.2.20.14 RAC063 : "The string length of the provided value for <attribute name> is inappropriate."**

When event is generated, message will have the following substitutions:

- <attribute name> = "Param1"

- 4.2.20.15 RAC064 : "iDRAC was successfully reset."
- 4.2.20.16 RAC065 : "iDRAC reset operation was not successful."
- 4.2.20.17 RAC066 : "iDRAC is successfully reset to factory-default properties."
- 4.2.20.18 RAC067 : "iDRAC reset to factory defaults operation was not successful."
- 4.2.20.19 RAC068 : "SHA256Password and Plain Password cannot be imported together."
- 4.2.20.20 RAC069 : "String Less than Min Supported Length"
- 4.2.20.21 RAC070 : "The SSL Web-Server certificate was successfully restored to factory defaults."
- 4.2.20.22 RAC071 : "Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress."
- 4.2.20.23 RAC072 : "Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress."
- 4.2.20.24 RAC073 : "Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress."
- 4.2.20.25 RAC074 : "Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress."
- 4.2.20.26 RAC0603 : "Updating Job Queue. Status of the update jobs can be viewed and managed within the Job Queue page."
- 4.2.20.27 RAC0604 : "System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled."
- 4.2.20.28 RAC0605 : "There are no jobs to be displayed."
- 4.2.20.29 RAC0606 : "The network connection test operation was successful."
- 4.2.20.30 RAC0607 : "Unable to perform OS to iDRAC Pass-Through with the current system configuration."
- 4.2.20.31 RAC0608 : "The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed."
- 4.2.20.32 RAC0609 : "The job <import or export job ID> has been successfully added to the job queue."

When event is generated, message will have the following substitutions:

- <import or export job ID> = "123456789"

**4.2.20.33 RAC0610 : "The passphrase and confirm passphrase values entered do not match."**

**4.2.20.34 RAC0612 : "Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?"**

**4.2.20.35 RAC0613 : "The uploaded file is invalid."**

**4.2.20.36 RAC0614 : "Incorrect password for PKCS#12 file."**

**4.2.20.37 RAC0615 : "Invalid PKCS#12 file."**

**4.2.20.38 RAC0616 : "Error while extracting custom signing certificate and private key from the PKCS#12 file."**

**4.2.20.39 RAC0617 : "An error was encountered while generating new SSL Certificate."**

**4.2.20.40 RAC0618 : "Incorrect data entered."**

**4.2.20.41 RAC0619 : "The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed."**

**4.2.20.42 RAC0620 : "Lifecycle Controller is unable to delete the selected jobs."**

**4.2.20.43 RAC0621 : "Successfully completed the iDRAC firmware update. All current user sessions will be closed."**

**4.2.20.44 RAC0622 : "An invalid certificate file is uploaded."**

**4.2.20.45 RAC0654 : "No operations can be performed on the iDRAC Service Module."**

**4.2.20.46 RAC0655 : "The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system."**

**4.2.20.47 RAC0656 : "Are you sure you want to disable the iDRAC Service Module on the server operating system?"**

**4.2.20.48 RAC0659 : "Unable to perform the storage configuration operation(s) on <adapter name> because a job is currently pending or is running on the adapter."**

When event is generated, message will have the following substitutions:

- <adapter name> = "None"

**4.2.20.49 RAC0661 : "Storage configuration operation - #(operation) is pending on the selected #{devicetype} : #{devicename}."**

**4.2.20.50 RAC936 : "Unable to change the hot spare property for the PSU."**

**4.2.20.51 RAC937 : "Successfully initiated configuration XML file import operation that was invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

**4.2.20.52 RAC938 : "Successfully initiated configuration XML file export operation invoked by the <user name>."**

When event is generated, message will have the following substitutions:

- <user name> = "root"

4.2.20.53 RAC939 : "Unable to start the system configuration profile export or import operation."

4.2.20.54 RAC940 : "Unable to start the system configuration profile export or import operation."

4.2.20.55 RAC941 : "Successfully initiated the export operation. This operation may take several minutes to complete."

4.2.20.56 RAC942 : "Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied."

4.2.20.57 RAC943 : "Warning: Collect System Inventory On Restart (CSIOR) feature is disabled."

4.2.20.58 RAC944 : "Unable to create the configuration job."

4.2.20.59 RAC945 : "Invalid object value specified."

4.2.20.60 RAC946 : "Unable to set the NIC to Auto Dedicated NIC mode."

4.2.20.61 RAC947 : "Invalid object value specified."

4.2.20.62 RAC948 : "Unable to send the notification for the specified event to the configured destination."

4.2.20.63 RAC949 : "Successfully added a work note to the Lifecycle Log."

4.2.20.64 RAC950 : "Unable to add the work note to the Lifecycle Log."

4.2.20.65 RAC951 : "The number of characters entered for the work note exceeds the supported limit."

4.2.20.66 RAC952 : "There is no free space to add new work notes to the Lifecycle Log."

4.2.20.67 RAC953 : "Successfully added the comment."

4.2.20.68 RAC954 : "The number of characters entered for the comment exceeds the supported limit."

4.2.20.69 RAC955 : "Unable to retrieve the information related to the specified record in the Lifecycle Log."

4.2.20.70 RAC956 : "There is no free space to add new comments to the Lifecycle Log."

4.2.20.71 RAC957 : "An import or export operation is currently in progress."

4.2.20.72 RAC958 : "Unable to start the import or export operation."

4.2.20.73 RAC959 : "Invalid file used for configuration XML file import operation."

4.2.20.74 RAC960 : "Unable to find the specified configuration XML file for import."

4.2.20.75 RAC961 : "A pending or committed system configuration change exists."

4.2.20.76 RAC962 : "Unable to continue with the operation because Lifecycle Controller is in

recovery state,"

4.2.20.77 RAC963 : "Unable to retrieve the status of Lifecycle Controller."

4.2.20.78 RAC964 : "Unable to perform the operation."

4.2.20.79 RAC965 : "The -l option must be specified if -u and -p are used."

4.2.20.80 RAC966 : "Unable to continue with the operation because the user name or password is not specified."

4.2.20.81 RAC967 : "Exporting the configuration XML file to a local share is not supported when using Firmware RACADM."

4.2.20.82 RAC968 : "Importing the configuration XML file from a local share is not supported when using Firmware RACADM."

4.2.20.83 RAC969 : "Incorrect value specified for the shutdown option."

4.2.20.84 RAC970 : "Incorrect value specified for the end power state option."

4.2.20.85 RAC971 : "Incorrect file type specified."

4.2.20.86 RAC972 : "Insufficient privileges to run the configuration XML file import or export operations."

4.2.20.87 RAC973 : "The imported configuration XML file matches the current system configuration."

4.2.20.88 RAC974 : "Invalid wait time specified."

4.2.20.89 RAC975 : "Invalid share type specified."

4.2.20.90 RAC976 : "Export configuration XML file operation initiated."

4.2.20.91 RAC977 : "Import configuration XML file operation initiated."

4.2.20.92 RAC978 : "Unsupported Lifecycle Controller firmware version detected."

4.2.20.93 RAC979 : "Successfully uploaded the custom signing certificate to iDRAC."

4.2.20.94 RAC981 : "The type of certificate specified does not require a passphrase."

4.2.20.95 RAC982 : "Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected."

4.2.20.96 RAC983 : "Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file."

4.2.20.97 RAC984 : "Unable to upload the Public Key Cryptography Standards version 12

(PKCS12) file."

**4.2.20.98 RAC985 : "Unable to configure the cfgServerBootOnce object."**

**4.2.20.99 RAC986 : "The "vmkey" sub-command is deprecated."**

**4.2.20.100 RAC987 : "Firmware update job for <file name> is initiated."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**4.2.20.101 RAC988 : "Unable to initiate the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**4.2.20.102 RAC989 : "Unable to apply the <file name> firmware update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**4.2.20.103 RAC990 : "Unable to apply the <file name> update."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**4.2.20.104 RAC991 : "Unable to run the "jobqueue" command."**

**4.2.20.105 RAC992 : "Invalid job: <job ID>."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456789"

**4.2.20.106 RAC993 : "The job: <job ID> was deleted."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_0123456790"



**4.2.20.107 RAC994 : "Unable to run the "jobqueue delete --all" command."**

**4.2.20.108 RAC995 : "Unable to retrieve the hardware inventory."**

**4.2.20.109 RAC996 : "Unable to set the object value because the DNS RAC Name object is not configured."**

**4.2.20.110 RAC997 : "The object DNSDomainFromDHCP cannot be enabled."**

**4.2.20.111 RAC998 : "IPv6 cannot be enabled."**

**4.2.20.112 RAC999 : "The object DNSFromDHCP6 cannot be enabled."**

**4.2.20.113 RAC1000 : "Unable to set the object value for iDRAC IPv6 address or gateway."**

**4.2.20.114 RAC1001 : "Unable to set the object value for iDRAC IPv6 DNS1 or DNS2."**

**4.2.20.115 RAC1002 : "Active Directory Single Sign On (SSO) cannot be enabled."**

**4.2.20.116 RAC1003 : "The smart card certificate revocation list (CRL) cannot be enabled."**

**4.2.20.117 RAC1004 : "The smart card login cannot be enabled."**

**4.2.20.118 RAC1005 : "Successfully exported hardware inventory."**

**4.2.20.119 RAC1006 : "Unable to process the <file name>, and the update was not applied."**

When event is generated, message will have the following substitutions:

- <file name> = "firmimg.d7"

**4.2.20.120 RAC1007 : "The job <job ID> cannot be deleted."**

When event is generated, message will have the following substitutions:

- <job ID> = "firmimg.d7"

- 4.2.20.121 RAC1008 : "The Active Directory object DCLookupByUserDomain cannot be disabled."
- 4.2.20.122 RAC1009 : "The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled."
- 4.2.20.123 RAC1010 : "Unable to set the power cap value."
- 4.2.20.124 RAC1011 : "The OS to iDRAC pass-through cannot be enabled."
- 4.2.20.125 RAC1012 : "Unable to change the auto-negotiation state for the current NIC selection mode."
- 4.2.20.126 RAC1013 : "The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None."
- 4.2.20.127 RAC1014 : "The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None"."
- 4.2.20.128 RAC1016 : "The specified user already exists. Duplicate user names are not allowed."
- 4.2.20.129 RAC1017 : "Successfully modified the object value and the change is in pending state."
- 4.2.20.130 RAC1018 : "The specified object or syntax is invalid."
- 4.2.20.131 RAC1019 : "The specified object is not supported for the current system configuration."
- 4.2.20.132 RAC1020 : "No objects are available under the specified group for the current system configuration."
- 4.2.20.133 RAC1021 : "NIC objects are not available in the current system configuration."
- 4.2.20.134 RAC1023 : "Unable to create the configuration job."
- 4.2.20.135 RAC1024 : "Successfully scheduled a job."
- 4.2.20.136 RAC1025 : "The specified object is read-only and cannot be modified due to an object dependency."
- 4.2.20.137 RAC1026 : "A custom signing certificate does not exist."
- 4.2.20.138 RAC1027 : "Successfully sent the alert for the specified event to the configured destination."
- 4.2.20.139 RAC1028 : "Unable to download the specified certificate type."
- 4.2.20.140 RAC1029 : "Unable to delete the specified certificate type."
- 4.2.20.141 RAC1030 : "The custom signing certificate was deleted."
- 4.2.20.142 RAC1031 : "Unable to delete the custom signing certificate."
- 4.2.20.143 RAC1032 : "<Job ID or ALL> jobs was cancelled by the user."

- <Job ID or ALL> = "123456789"

**4.2.20.144 RAC1033 : "Unable to retrieve the server component software inventory."**

**4.2.20.145 RAC1035 : "There are no pending values to be cleared."**

**4.2.20.146 RAC1036 : "Successfully cleared pending attribute(s) for the group specified."**

**4.2.20.147 RAC1037 : "Unable to clear pending attribute(s)."**

**4.2.20.148 RAC1038 : "Unable to clear pending values for the specified component."**

**4.2.20.149 RAC1039 : "The subcommand entered is not supported on the specified server."**

**4.2.20.150 RAC1040 : "Successfully accepted the RAID storage configuration operation. The change is in pending state."**

**4.2.20.151 RAC1041 : "Successfully configured the Automatic Update (autoupdate) feature settings."**

**4.2.20.152 RAC1042 : "Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided."**

**4.2.20.153 RAC1043 : "Unable to configure the Automatic Update (autoupdate) feature settings. The option <option name> is either invalid or not provided."**

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**4.2.20.154 RAC1044 :** "The Automatic Update (autoupdate) feature is not enabled."

**4.2.20.155 RAC1045 :** "Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often."

**4.2.20.156 RAC1046 :** "Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured."

**4.2.20.157 RAC1047 :** "Successfully cleared the Automatic Update (autoupdate) feature settings."

**4.2.20.158 RAC1048 :** "Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration."

**4.2.20.159 RAC1049 :** "Successfully configured the Automatic Backup (autobackup) feature settings."

**4.2.20.160 RAC1050 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided."

**4.2.20.161 RAC1051 :** "Unable to configure the Automatic Backup (autobackup) feature settings. The option <option name> is either invalid or not provided."

When event is generated, message will have the following substitutions:

- <option name> = "Option"

**4.2.20.162 RAC1052 :** "The Automatic Backup (autobackup) feature is not enabled."

**4.2.20.163 RAC1053 :** "Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured."

**4.2.20.164 RAC1054 :** "Successfully cleared the Automatic Backup (autobackup) feature settings."

**4.2.20.165 RAC1055 :** "Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration."

**4.2.20.166 RAC1056 :** "Rollback operation initiated successfully."

**4.2.20.167 RAC1057 :** "Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a rollback firmware image available."

**4.2.20.168 RAC1058 :** "Rollback operation did not complete successfully because Lifecycle Controller is disabled."

**4.2.20.169 RAC1059 :** "Rollback operation could not be performed because another firmware update job is running."

**4.2.20.170 RAC1060 :** "System inventory may not becurrent because the Collect System Inventory On Restart (CSIOR) feature is disabled."

**4.2.20.171 RAC1061 :** "SystemErase operation initiated successfully."

**4.2.20.172 RAC1062 :** "Unable to initiate the SystemErase operation. The component identifier specified is not valid."

**4.2.20.173 RAC1063 :** "Unable to initiate the SystemErase operation because Lifecycle Controller is disabled."

**4.2.20.174 RAC1064 :** "Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress."

**4.2.20.175 RAC1065 :** "Unable to initiate the SystemErase operation because iDRAC encountered an internal issue."

**4.2.20.176 RAC1067 :** "Unable to set the minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is lesser than, or equal to the minimum critical threshold value."

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.177 RAC1068 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.178 RAC1069 : "Unable to set minimum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.179 RAC1070 : "Unable to set the maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is greater than, or equal to the maximum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.180 RAC1071 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum non critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.181 RAC1072 : "Unable to set maximum non critical threshold value of <System Board Inlet Temp>, because the value entered is less than, or equal to the minimum critical threshold value."**

When event is generated, message will have the following substitutions:

- <System Board Inlet Temp> = "InletTemp"

**4.2.20.182 RAC1073 : "Unable to reset the threshold value of sensor <sensor name> because the capability to reset this sensor threshold value is not supported."**

When event is generated, message will have the following substitutions:

- <sensor name> = "SensorName"

**4.2.20.183 RAC1109 :** "Unable to run the command, because an incorrect Share type is entered."

**4.2.20.184 RAC1110 :** "Unable to run the command, because an incorrect Proxy port number was entered."

**4.2.20.185 RAC1111 :** "Unable to delete the pending values or operations of the specified device."

**4.2.20.186 RAC1112 :** "Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job."

**4.2.20.187 RAC1113 :** "Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option."

**4.2.20.188 RAC1114 :** "Configuration XML file preview operation job is initiated. Job ID = <job ID>"

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

4.2.20.189 RAC1115 : "Unable to run the command, because of insufficient user privileges."

4.2.20.190 RAC1116 : "Unable to run the command, because the restart flag entered is incorrect."

4.2.20.191 RAC1117 : "Unable to run the command."

4.2.20.192 RAC1118 : "Successfully initiated the update operation specified in the command."

4.2.20.193 RAC1119 : "Unable to generate a comparison report for the specified repository."

4.2.20.194 RAC1120 : "Unable to run the command, because an incorrect Proxy type is entered."

4.2.20.195 RAC1121 : "Unable to run the command, because the data entered for connecting to the Proxy server is insufficient."

4.2.20.196 RAC1122 : "The specified group or object is not supported on the server."

4.2.20.197 RAC1123 : "Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration."

4.2.20.198 RAC1128 : "The -l option must be specified if -u and -p options are used."

4.2.20.199 RAC1129 : "Unable to modify the BootOnce object."

4.2.20.200 RAC1130 : "Unable to complete the operation. This feature is not supported on the currently-used platform."

4.2.20.201 RAC1131 : "iDRAC was successfully reset."

4.2.20.202 RAC1132 : "Unable to update the firmware. The value entered for an option is invalid."

4.2.20.203 RAC1133 : "BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart."

4.2.20.204 RAC1134 : "Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally."

4.2.20.205 RAC1135 : "Unable to run the RACADM command because an internal instrumentation component has stopped functioning."

4.2.20.206 RAC1136 : "Remote unattended diagnostic execution operation initiated."

4.2.20.207 RAC1137 : "Remote unattended diagnostic results export operation initiated."

4.2.20.208 RAC1138 : "Unable to export the diagnostics results because the results do not exist."

4.2.20.209 RAC1139 : "The entered option is not supported by the interface."

4.2.20.210 RAC1140 : "File name is not required to export the Technical Support Report"



(TSR) to a remote share."

**4.2.20.211 RAC1141 : "The iDRAC firmware rollback operation was initiated."**

**4.2.20.212 RAC1142 : "Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes."**

**4.2.20.213 RAC1143 : "Configuration results are not applicable for the job type for Job: <job ID>."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**4.2.20.214 RAC1144 : "The Job: <job ID> is invalid or is not present in the job queue and a related Lifecycle Log entry is not found."**

When event is generated, message will have the following substitutions:

- <job ID> = "JobID"

**4.2.20.215 RAC1145 : "The entered log type is invalid."**

**4.2.20.216 RAC1146 : "Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC."**

**4.2.20.217 RAC1147 : "Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC."**

**4.2.20.218 RAC1150 : "Unable to complete the export operation."**

**4.2.20.219 RAC1151 : "The export operation is unsuccessful."**

**4.2.20.220 RAC1152 : "The export operation completed successfully."**

**4.2.20.221 RAC1153 : "The time stamp is not available to display."**

**4.2.20.222 RAC1154 : "The requested operation is initiated."**

**4.2.20.223 RAC1155 : "Unable to complete the operation because Lifecycle Controller is disabled."**

**4.2.20.224 RAC1156 : "Unable to display the information about the server network interfaces."**

**4.2.20.225 RAC1157 : "Unable to find the specified FQDD."**

**4.2.20.226 RAC1158 : "The requested number of log entries exceeds the limit."**

**4.2.20.227 RAC1159 : "Unable to get the requested data from iDRAC."**

**4.2.20.228 RAC1160 : "Unable to set USB group objects because of insufficient privilege for user account <username>."**

When event is generated, message will have the following substitutions:

- <username> = "root"

**4.2.20.229 RAC1161 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running."**

**4.2.20.230 RAC1162 : "Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress."**

**4.2.20.231 RAC1163 : "The peak utilization value of out-of-band performance monitoring sensor <sensor name> is successfully reset."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Sensorname"

**4.2.20.232 RAC1164 :** "A remote diagnostics operation is currently running and not completed."

**4.2.20.233 RAC1165 :** "Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use."

**4.2.20.234 RAC1166 :** "Successfully initiated Configuration XML file preview operation that was invoked by <user name>."

When event is generated, message will have the following substitutions:

- <user name> = "root"

**4.2.20.235 RAC1168 :** "The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware."

**4.2.20.236 RAC1169 :** "The RACADM "config" command will be deprecated in a future version of iDRAC firmware."

**4.2.20.237 RAC1170 :** "Unable to find the SSL library in the default path."

**4.2.20.238 RAC1175 :** "Unable to change the user configuration because modifying the user configuration at index 1 is not allowed."

**4.2.20.239 RAC1176 :** "Unable to generate the Certificate Signing Request (CSR) message because all the attributes in the iDRAC.Security group are not configured."

**4.2.20.240 RAC1177 :** "A USB device is attached to the iDRAC."

**4.2.20.241 RAC1178 :** "A USB device is attached to the iDRAC and a configuration XML import operation is in progress."

**4.2.20.242 RAC1179 :** "Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device."

**4.2.20.243 RAC1180 :** "A USB device is inserted in the front panel USB Management port and is in use by the server operating system."

**4.2.20.244 RAC1181 :** "Unable to change USB Management Port mode."

**4.2.20.245 RAC1182 :** "Unable to retrieve information for the Power group or attribute because the server is not PMBus capable."

**4.2.20.246 RAC1183 :** "Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature."

**4.2.20.247 RAC1184 :** "The getuscvresion RACADM subcommand will be deprecated in a future release."

**4.2.20.248 RAC1185 :** "Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered."

## **4.2.21 Subcategory= FW Download [MessageID prefix =RED]**

**4.2.21.1 RED070 :** "Unable to configure the Automatic Backup schedule."

**4.2.21.2 RED071 :** "Unable to get the Automatic Backup schedule information."

**4.2.21.3 RED072 :** "Unable to delete the Automatic Backup schedule."

**4.2.21.4 RED073 :** "The input value entered for the parameter <parameter> is invalid."

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**4.2.21.5 RED074 : "A required parameter is not present."**

**4.2.21.6 RED075 : "An Automatic Backup schedule already exists."**

## **4.2.22 Subcategory= Security Event [MessageID prefix =SEC]**

**4.2.22.1 SEC0700 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC."**

**4.2.22.2 SEC0701 : "Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately."**

## **4.2.23 Subcategory= Storage [MessageID prefix =STOR]**

**4.2.23.1 STOR032 : "Lifecycle Controller is currently in use."**

**4.2.23.2 STOR060 : "Configuration operations are not supported on the specified storage controller."**

**4.2.23.3 STOR061 : "Initializing virtual disk is not supported on the RAID controller."**

**4.2.23.4 STOR062 : "One or more physical disks specified are full and cannot be used to create additional virtual disks."**

**4.2.23.5 STOR063 : "Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode."**

**4.2.23.6 STOR064 : "One or more physical disks specified for creating a virtual disk do not have the same block size."**

**4.2.23.7 STOR065 : "One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable."**

**4.2.23.8 STOR066 : "Controller is not T10 Protection Information capable."**

**4.2.23.9 STOR067 : "Controller does not support uneven span RAID10 virtual disks."**

**4.2.23.10 STOR068 : "Unable to perform the requested RAID configuration because the Lifecycle Controller version on the server does not have the necessary capabilities."**

**4.2.23.11 STOR069 : "Unable to run the <method name> method, because the number of elements entered for VDPPropNameArray and VDPPropValueArray is unequal."**

When event is generated, message will have the following substitutions:

- <method name> = "Param1"

**4.2.23.12 STOR070 : "Unable to run the WS-MAN method <method name>, because an invalid parameter <parameter name> is entered."**

When event is generated, message will have the following substitutions:

- <method name> = "Method"
- <parameter name> = "Param"

**4.2.23.13 STOR071 : "The specified Span Count is not valid for creating a RAID 10. Valid Span Counts are: <valid span counts>"**

When event is generated, message will have the following substitutions:

- <valid span counts> = "2,3,4,5,6,7,8"

4.2.23.14 STOR072 : "iDRAC Service Module (ISM) is either not present or not running on the server OS."

4.2.23.15 STOR073 : "The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation."

4.2.23.16 STOR074 : "The requested RAID configuration operation is not allowed because the controller is currently in Non-RAID mode."

4.2.23.17 STOR075 : "The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending."

4.2.23.18 STOR076 : "Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations."

4.2.23.19 STOR077 : "Unable to change Patrol Read State since Patrol Read Mode is not set to Manual."

4.2.23.20 STOR078 : "The requested operation requires a reboot type that does not match the reboot type required for pending operations."

4.2.23.21 STOR079 : "The device does not support this operation or is in a state that does not allow this operation."

4.2.23.22 STOR081 : "The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match."

4.2.23.23 STOR082 : "The operation cannot be stopped or cancelled because the operation is not currently running."

4.2.23.24 STOR083 : "The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size."

4.2.23.25 STOR084 : "Unable to create the job because another job is currently running"

4.2.23.26 STOR300 : "Controller mode cannot be changed because there are already pending operations."

4.2.23.27 STOR301 : "The operation cannot be performed because the controller mode change request is pending."

4.2.23.28 STOR302 : "The job could not be created because the Apply Operation Mode selected is not supported for this operation."

4.2.23.29 STOR303 : "Unable to change controller mode while security key is assigned to the controller. Delete the security key and retry the operation."

4.2.23.30 STOR304 : "Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller. Delete the Virtual Disks and/or Hotspares and retry the operation."

4.2.23.31 STOR305 : "Unable to change controller mode while there is preserved cache

**present on the controller. Delete the preserved cache and retry the operation."**

**4.2.23.32 STOR0701 : "Storage objects are unavailable in the current system configuration."**

**4.2.23.33 STOR0702 : "The value entered for the <option name> option is invalid"**

When event is generated, message will have the following substitutions:

- <option name> = "Option"



#### **4.2.24 Subcategory= Software Config [MessageID prefix =SWC]**

**4.2.24.1 SWC0027 :** "Successfully backed up a Server Profile by using the Lifecycle Controller GUI."

**4.2.24.2 SWC0034 :** "Unable to export the file to the network share."

**4.2.24.3 SWC0035 :** "Unable to initialize backup Server Profile operation."

**4.2.24.4 SWC0036 :** "Unable to launch hardware diagnostics."

**4.2.24.5 SWC0037 :** "Unable to export the file to the network share."

**4.2.24.6 SWC0038 :** "Unable to export the file to the network share."

**4.2.24.7 SWC0039 :** "Unable to find the backup Server Configuration Profile image."

**4.2.24.8 SWC0040 :** "Unable to complete the Import operation."

**4.2.24.9 SWC0041 :** "Unable to copy the backup Server Configuration Profile."

**4.2.24.10 SWC0042 :** "Unable to retrieve the status of the Import Server Profile operation."

**4.2.24.11 SWC0043 :** "Import Server Profile operation completed with errors."

**4.2.24.12 SWC0044 :** "Unable to retrieve the status of the Import Server Profile operation."

**4.2.24.13 SWC0045 :** "Unable to complete the Import operation."

**4.2.24.14 SWC0046 :** "Unable to initiate Import operation."

**4.2.24.15 SWC0047 :** "Incorrect backup Server Configuration Profile file passphrase provided."

**4.2.24.16 SWC0048 :** "Unable to validate the backup server configuration Profile image file for this system."

**4.2.24.17 SWC0049 :** "Unable to continue the Import operation."

**4.2.24.18 SWC0050 :** "Unable to initiate Import operation."

**4.2.24.19 SWC0051 :** "Unable to retrieve iDRAC license information."

**4.2.24.20 SWC0052 :** "Unable to continue with OS Deployment operation."

**4.2.24.21 SWC0053 :** "File extension is not supported or the Update Package is invalid."

**4.2.24.22 SWC0054 :** "Unable to save settings."

**4.2.24.23 SWC0055 :** "Unable to load the View Current Version page."

**4.2.24.24 SWC0056 :** "Unable to export the file to the USB drive."

**4.2.24.25 SWC0057 :** "Unable to export the file to the network share."

**4.2.24.26 SWC0058 :** "Unable to complete the operation."

**4.2.24.27 SWC0059 :** "Unable to complete the operation."

share folder."

**4.2.24.39 SWC0072 : "Unable to export the Tech Support Report to destination folder."**

**4.2.24.40 SWC0073 : "Unable to start operation with the current iDRAC version."**

**4.2.24.41 SWC0074 : "Unable to start operation with the current iDRAC version."**

**4.2.24.42 SWC0075 : "Unable to perform RAID operations because the selected controller is in HBA mode."**

**4.2.24.43 SWC0076 : "The following iDRAC internal storage partitions present in the system were not mounted during the system startup: <partitions>"**

When event is generated, message will have the following substitutions:

- <partitions> = "Partitions"

**4.2.24.44 SWC0077 : "Unable to initiate the Repurpose or Retire System operation."**

**4.2.24.45 SWC1913 : "Network Time Protocol configuration is enabled."**

**4.2.24.46 SWC1914 : "Network Time Protocol configuration is disabled."**

**4.2.24.47 SWC1915 : "iDRAC time zone has changed."**

**4.2.24.48 SWC1917 : "HTTPS redirection is disabled."**

**4.2.24.49 SWC1918 : "HTTPS redirection is enabled."**

**4.2.24.50 SWC1922 : "User <user name> has successfully modified the server configuration by using Quick Sync."**

When event is generated, message will have the following substitutions:

- <user name> = "UserName"

**4.2.24.51 SWC1925 : "The iDRAC Quick Sync access feature is set to the Disabled mode."**

**4.2.24.52 SWC1926 : "The iDRAC Quick Sync interface is enabled."**

**4.2.24.53 SWC1927 : "The iDRAC Quick Sync access feature is set to the read-only mode."**

**4.2.24.54 SWC1928 : "The iDRAC Quick Sync access feature is set to the read-write mode."**

**4.2.24.55 SWC1929 : "The iDRAC Quick Sync inactivity timeout value is set to <timeout period>."**

When event is generated, message will have the following substitutions:

- <timeout period> = "Timeout"

**4.2.24.56 SWC1930 : "The iDRAC Quick Sync inactivity timeout feature is enabled."**

**4.2.24.57 SWC1931 : "The iDRAC Quick Sync inactivity timeout configuration is disabled."**

**4.2.24.58 SWC8619 : "The Chassis Management Controller is unable to process data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**4.2.24.59 SWC8620 : "The Chassis Management Controller is unable to communicate with the iDRAC in server slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**4.2.24.60 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

**4.2.24.61 SWC8621 : "The Chassis Management Controller is unable to process inventory data from the server in slot <slot id>."**

When event is generated, message will have the following substitutions:

- <slot id> = "<slot>"

## **4.2.25 Subcategory= System Info [MessageID prefix =SYS]**

**4.2.25.1 SYS043 : "Successfully exported system configuration XML file."**

**4.2.25.2 SYS044 : "Unable to export one or more component configurations."**

**4.2.25.3 SYS045 : "Unable to copy the system configuration XML file to the network share."**

**4.2.25.4 SYS046 : "Unable to import the system configuration XML file from the network share."**

**4.2.25.5 SYS047 : "Input file for system configuration XML is not compliant with configuration schema."**

**4.2.25.6 SYS048 : "System configuration XML input file contains invalid characters, <character> at line <line>."**

When event is generated, message will have the following substitutions:

- <character> = "invalidchar"
- <line> = "linenumber"

**4.2.25.7 SYS050 : "The system configuration XML file for import configuration is not compliant with schema nesting checks."**

**4.2.25.8 SYS051 : "The system could not be shut down within the specified time."**

**4.2.25.9 SYS052 : "Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied."**

**4.2.25.10 SYS053 : "Successfully imported and applied system configuration XML file."**

**4.2.25.11 SYS054 : "No configuration changes requiring a system restart need to be applied."**

**4.2.25.12 SYS055 : "Import of system configuration XML file operation completed with errors."**

**4.2.25.13 SYS056 : "Waiting for the system to shut down."**

**4.2.25.14 SYS057 : "Exporting system configuration XML file."**

**4.2.25.15 SYS058 : "Applying configuration changes."**

**4.2.25.16 SYS059 : "Component configuration successfully changed."**

**4.2.25.17 SYS060 : "Component configuration completed with errors."**

**4.2.25.18 SYS061 : "Unable to complete component configuration."**

**4.2.25.19 SYS062 : "Input file for import configuration operation is invalid. The expected XML root element was not found."**

**4.2.25.20 SYS063 : "Input file for import configuration operation is invalid. The expected root element was not closed."**

**4.2.25.21 SYS064 : "Input file for import configuration operation is invalid at line <line>."**

When event is generated, message will have the following substitutions:

- <line> = "lineNum"

4.2.25.22 SYS065 : "Input file for import configuration operation cannot be found or opened."

4.2.25.23 SYS066 : "No changes detected for iDRAC, System, or Lifecycle Controller configuration."

4.2.25.24 SYS067 : "Unable to complete application of configuration XML file values."

4.2.25.25 SYS068 : "Configuration changes that require system reboot were not applied."

4.2.25.26 SYS069 : "No changes were applied since the current component configuration matched the requested configuration."

4.2.25.27 SYS070 : "Configuration changes that require system reboot were not applied."

4.2.25.28 SYS071 : "System configuration XML export operation timed-out."

4.2.25.29 SYS072 : "System configuration XML import operation timed-out."

4.2.25.30 SYS073 : "Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the configuration XML."

4.2.25.31 SYS074 : "Unable to apply configuration changes because another configuration job is in progress."

4.2.25.32 SYS075 : "Unable to perform the import operation because the specified file does not exist on the remote share."

4.2.25.33 SYS076 : "Invalid or unsupported component specified in the input configuration XML file."

4.2.25.34 SYS077 : "Unable to perform the preview operation because the specified file does not exist on the remote share."

4.2.25.35 SYS078 : "Unable to retrieve the system configuration XML file from the network share for preview."

4.2.25.36 SYS079 : "The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema."

4.2.25.37 SYS080 : "Preview of system configuration XML file import operation indicated that no configuration changes will be successful."

4.2.25.38 SYS081 : "Successfully previewed system configuration XML file import operation."

4.2.25.39 SYS082 : "Completed the preview of system configuration XML file import operation. Some changes specified in the configuration XML will not be successfully applied in an import operation."

4.2.25.40 SYS087 : "A system reboot will occur when the previewed configuration XML file is

imported to the system."

**4.2.25.41 SYS088 : "Estimated time for applying configuration changes is <configuration time> seconds."**

When event is generated, message will have the following substitutions:

- <configuration time> = "seconds"

**4.2.25.42 SYS089 : "Preview of system configuration XML file is complete."**

**4.2.25.43 SYS090 : "The configuration XML input file contains unsupported DOCTYPE tags."**

**4.2.25.44 SYS091 : "Unable to complete the operation because the method is not supported."**

**4.2.25.45 SYS097 : "The state of Lifecycle Controller is disabled by the configuration XML import operation."**

**4.2.25.46 SYS100 : "Unable to find an FQDD match for the token <tokenname>"**

When event is generated, message will have the following substitutions:

- <tokenname> = "tokenname"

**4.2.25.47 SYS141 : "Lifecycle Controller data is deleted."**

**4.2.25.48 SYS142 : "The OS driver pack is deleted."**

**4.2.25.49 SYS143 : "ePSA Diagnostics are deleted."**

**4.2.25.50 SYS144 : "Starting controller hardware cache data erase operations."**

**4.2.25.51 SYS145 : "vFlash SD Card data is deleted."**

**4.2.25.52 SYS146 : "Starting secure erase-capable drive erase operations."**

**4.2.25.53 SYS147 : "Starting non-secure erase-capable drive erase operations."**

**4.2.25.54 SYS148 : "BIOS is configured to reset to defaults on next system restart."**

**4.2.25.55 SYS149 : "The process of resetting iDRAC to default settings is initiated."**

**4.2.25.56 SYS150 : "Starting System Erase operation. Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**4.2.25.57 SYS151 : "Completed System Erase Job ID: <job ID>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID\_123456789098"

**4.2.25.58 SYS152 : "Erase operations for some System Erase tasks did not complete successfully."**

**4.2.25.59 SYS153 : "Deleting hardware cache data for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**4.2.25.60 SYS154 : "Initiating secure erase operation on secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

**4.2.25.61 SYS155 : "Initiating clear operation on non-secure erase-capable drives for controller: <device name>."**

When event is generated, message will have the following substitutions:

- <device name> = "RAID.Integrated.1-1"

- 4.2.25.62 SYS156 : "Erase operations for System Erase tasks successfully completed."
- 4.2.25.63 SYS157 : "Unable to successfully complete requested System Erase tasks."
- 4.2.25.64 SYS158 : "Hardware cache erase is unsuccessful."
- 4.2.25.65 SYS159 : "vFlash SD Card erase unsuccessful."
- 4.2.25.66 SYS160 : "The Lifecycle Controller logs are cleared."
- 4.2.25.67 SYS161 : "Tech Support Report related non-volatile storage deleted."
- 4.2.25.68 SYS162 : "Turning on the server to perform System Erase tasks."
- 4.2.25.69 SYS163 : "The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts."
- 4.2.25.70 SYS164 : "Access to Lifecycle Controller internal storage was not acquired."
- 4.2.25.71 SYS168 : "Unable to complete the System Erase job because another operation is in progress."
- 4.2.25.72 SYS170 : "The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together."
- 4.2.25.73 SYS171 : "Unable to successfully complete the import operation because not all hash password values have been entered."
- 4.2.25.74 SYS175 : "No device configuration could be identified for the specified FQDDs."
- 4.2.25.75 SYS176 : "Unable to update the OSApp Health Data using the iSM OS Collector plugin option because the relevant service module is not running"
- 4.2.26 Subcategory= UEFI Event [MessageID prefix =UEFI]**
- 4.2.26.1 UEFI0027 : "The system must be restarted for the new license to become effective."
- 4.2.26.2 UEFI0030 : "A keyboard device is not connected to the system."
- 4.2.26.3 UEFI0033 : "Default system BIOS settings are in use because NVRAM\_CLR jumper is installed on the system board."
- 4.2.26.4 UEFI0035 : "The BIOS passwords are disabled because the PWRD\_EN jumper is removed from the system board."
- 4.2.26.5 UEFI0042 : "Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid."
- 4.2.26.6 UEFI0043 : "Unable to enable the TXT feature because the processor does not support TXT."
- 4.2.26.7 UEFI0044 : "Unable to enable the TXT feature because the motherboard chipset



does not support TXT."

**4.2.26.8 UEFI0045 : "Unable to enable the TXT feature because a TPM chip is not present."**

**4.2.26.9 UEFI0059 : "The Power Supply Units (PSUs) in the system do not match."**

**4.2.26.10 UEFI0060 : "Power required by the system exceeds the power supplied by the Power Supply Units (PSUs)."**

**4.2.26.11 UEFI0068 : "The mezzanine card configuration used is not supported on this Chassis."**

**4.2.26.12 UEFI0071 : "One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled."**

**4.2.26.13 UEFI0072 : "Unable to load the firmware from <device name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <device name> = "Integrated NIC 1 Port 2 partion 1"

**4.2.26.14 UEFI0073 : "Unable to boot <Boot Option name> because of the Secure Boot policy."**

When event is generated, message will have the following substitutions:

- <Boot Option name> = "Disk connected to USB Front Port 1: Datastick Pro"

**4.2.26.15 UEFI0074 : "The Secure Boot policy has been modified since the last time the system was started."**

**4.2.26.16 UEFI0075 : "Network Daughter Card 1 is not detected."**

**4.2.26.17 UEFI0081 : "Memory size has changed from the last time the system was started."**

**4.2.26.18 UEFI0086 : "Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**4.2.26.19 UEFI0087 : "Unsupported 4Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**4.2.26.20 UEFI0088 : "Unsupported 8Gb technology DIMM module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**4.2.26.21 UEFI0089 : "Incompatible x16 data bus width DIMM is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A1"

**4.2.26.22 UEFI0090 : "A DIMM with an incompatible number of ranks is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A6"

**4.2.26.23 UEFI0091 : "A Quad-Rank (QR) DIMM is installed on memory slot: <slot number>. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**4.2.26.24 UEFI0092 : "The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit."**

**4.2.26.25 UEFI0093 : "The DIMM installed on the memory slot: <slot number> does not meet the minimum supported frequency."**

When event is generated, message will have the following substitutions:

- <slot number> = "B2"

**4.2.26.26 UEFI0094 : "Unsupported Non-ECC memory module is installed on memory slot: <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "A2"

**4.2.26.27 UEFI0095 : "A DIMM with unsupported voltage is installed on memory slot <Slot>."**

When event is generated, message will have the following substitutions:

- <Slot> = "A2"

**4.2.26.28 UEFI0096 :** "Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode."

**4.2.26.29 UEFI0097 :** "Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations."

**4.2.26.30 UEFI0099 :** "Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature."

**4.2.26.31 UEFI0100 :** "Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations."

**4.2.26.32 UEFI0101 :** "Total amount of installed memory has exceeded limit."

**4.2.26.33 UEFI0102 :** "Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature."

**4.2.26.34 UEFI0104 :** "The DIMM module on memory slot <slot> is populated out of order in the DIMM channel."

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**4.2.26.35 UEFI0105 :** "Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration."

**4.2.26.36 UEFI0113 :** "Unable to enable the Fault Resilient Memory (FRM) feature because the current DIMM population or hardware configuration does not support the feature."

**4.2.26.37 UEFI0114 :** "Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations."

**4.2.26.38 UEFI0124 :** "The size and speed of the secondary SD card do not match those of the primary SD card."

**4.2.26.39 UEFI0126 :** "The primary SD card is in write-protected mode."

**4.2.26.40 UEFI0127 :** "The secondary SD card is in write-protected mode."

**4.2.26.41 UEFI0128 :** "Both the primary and secondary SD cards are in write-protected mode."

**4.2.26.42 UEFI0130 :** "The system time and date are invalid."

**4.2.26.43 UEFI0131 :** "Unable to load one or more option ROMs because of insufficient shadow memory."

**4.2.26.44 UEFI0132 :** "Unable to load one or more option ROMs because of insufficient base memory."

**4.2.26.45 UEFI0133 :** "Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings."

**4.2.26.46 UEFI0134 :** "Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory."

**4.2.26.47 UEFI0143 :** "Unsupported processor(s) are installed."

**4.2.26.48 UEFI0145 :** "The Trusted Platform Module (TPM) installed on this system is not supported."

**4.2.26.49 UEFI0147 :** "The system hardware or cabling configuration is invalid."

## **4.3 Category: Storage**

### **4.3.1 Subcategory= Battery Event [MessageID prefix =BAT]**

#### **4.3.1.1 BAT1000 :** "Battery on <controller name> is missing."

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.2 BAT1001 : "Battery on <controller name> was replaced."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.3 BAT1002 : "The battery on <controller name> learn cycle has started."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.4 BAT1003 : "The battery on <controller name> learn cycle has completed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.5 BAT1004 : "The battery on <controller name> learn cycle has timed out."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.6 BAT1008 : "Write policy on <controller name> was changed to Write Through."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.7 BAT1009 : "Write policy on <controller name> was changed to Write Back."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.8 BAT1011 : "Battery on <Controller name> is in warn only mode and requires reconditioning."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.1.9 BAT1020 : "The <Controller name> battery is executing a learn cycle."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.1.10 BAT1021 : "The charge level for the battery on <controller name> is below the normal threshold."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.11 BAT1023 : "The charge level for the battery on <controller name> is within normal limits."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.12 BAT1024 : "Errors detected with battery on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.13 BAT1025 : "<controller name> is unable to recover cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.14 BAT1026 : "The <controller name> has recovered cached data from the Battery Backup Unit (BBU)."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.15 BAT1027 : "The battery on <controller name> completed a charge cycle."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.16 BAT1028 : "The battery voltage on <controller name> is low."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.17 BAT1029 : "The battery on <controller name> can no longer recharge."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.18 BAT1031 : "The battery temperature on <controller name> is above normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.1.19 BAT1032 : "The battery temperature on <controller name> is normal."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.20 BAT1033 : "The battery on <controller name> was removed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.21 BAT1034 : "The battery properties for <controller name> have changed."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.1.22 BAT1035 : "The battery temperature on <controller name> is above the normal operating temperature."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.1.23 BAT1036 : "The battery on <controller name> is discharging."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

### **4.3.2 Subcategory= Cable [MessageID prefix =CBL]**

#### **4.3.2.1 CBL8500 : "SAS cable < cable id> to expander < expander id> is not connected."**

When event is generated, message will have the following substitutions:

- < cable id> = ""

#### **4.3.2.2 CBL8501 : "SAS cable < cable id> is connected to the incorrect expander."**

When event is generated, message will have the following substitutions:

- < cable id> = ""

### **4.3.3 Subcategory= Storage Contr [MessageID prefix =CTL]**

#### **4.3.3.1 CTL1 : "Controller event log: < message>"**

When event is generated, message will have the following substitutions:

- < message> = "A foreign configuration was detected on RAID Controller in Slot 2"

#### **4.3.3.2 CTL10 : "< Controller name> alarm has been tested."**

When event is generated, message will have the following substitutions:

- < Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.3 CTL11 : "Configuration on < controller name> was reset."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.4 CTL12 : "An invalid SAS configuration has been detected on <Controller name>. Details: <error message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <error message> = "SAS topology error: SMP function failed"

#### **4.3.3.5 CTL13 : "The <Controller name> cache has been discarded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.6 CTL14 : "Single-bit ECC error limit exceeded on the <controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.7 CTL28 : "The Background Initialization (BGI) rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.8 CTL29 : "The Patrol Read rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.9 CTL30 : "The Check Consistency rate has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.10 CTL34 : "A foreign configuration was cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.11 CTL35 : "A foreign configuration was imported on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.12 CTL36 : "The Patrol Read mode has changed for <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"



#### **4.3.3.13 CTL37 : "A Patrol Read operation started for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.14 CTL38 : "The Patrol Read operation completed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.15 CTL39 : "The <Controller name> reconstruct rate has changed."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.16 CTL40 : "Multi-bit ECC error on <Controller name> DIMM."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.17 CTL41 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.18 CTL42 : "Enclosure Management Module (EMM) hot plug is not supported on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.19 CTL44 : "Diagnostic message <message> from <Controller name>"**

When event is generated, message will have the following substitutions:

- <message> = "BBU Retention test failed!"
- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.20 CTL45 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.21 CTL46 : "Single-bit ECC error. The <Controller name> DIMM is critically degraded."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.22 CTL47 : "Single-bit ECC error on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.23 CTL48 : "A foreign configuration was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.24 CTL49 : "The NVRAM has corrupted data on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.25 CTL50 : "The <Controller name> NVRAM has corrupt data."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.26 CTL51 : "<Controller name> SAS port report: <message>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <message> = "SAS wide port 0 lost link on PHY 0"

#### **4.3.3.27 CTL52 : "<Controller name> SAS port report: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented."

#### **4.3.3.28 CTL57 : "The factory default settings were restored on <controller Name>."**

When event is generated, message will have the following substitutions:

- <controller Name> = "RAID Controller in Slot 5"

#### **4.3.3.29 CTL58 : "<Controller name> SAS SMP communications error <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **4.3.3.30 CTL59 : "<Controller name> SAS expander error: <args>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"
- <args> = " not implemented"

#### **4.3.3.31 CTL61 : "Physical disks found missing from configuration during boot time on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.32 CTL62 : "<VD names> on <Controller name> has missing drives and will go offline at boot."**

When event is generated, message will have the following substitutions:

- <VD names> = "not implemented"
- <Controller name> = " RAID Controller in Slot 5"

#### **4.3.3.33 CTL63 : "Previous configuration was found completely missing during time boot on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.34 CTL72 : "The foreign configuration overflow has occurred on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.35 CTL73 : "Foreign configuration is imported only partially. Some configurations failed to import on <Controller name>."**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.36 CTL74 : "Preserved cache detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.37 CTL75 : "Preserved cache discarded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.38 CTL76 : "A configuration command could not be committed to disk on <Controller name>"**

When event is generated, message will have the following substitutions:

- <Controller name> = "RAID Controller in Slot 5"

#### **4.3.3.39 CTL77 : "Flash of new firmware image(s) completed on <Controller Name>"**

When event is generated, message will have the following substitutions:

- <Controller Name> = "RAID Controller in Slot 5"

#### **4.3.3.40 CTL79 : "Controller in <controller slot> is not supported and will not be powered on."**

When event is generated, message will have the following substitutions:

- <controller slot> = "RAID Controller in Slot 5"

**4.3.3.41 CTL80 : "<controller name> experienced the following warning during startup: <controller message>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

**4.3.3.42 CTL81 : "Security key assigned to <controller name> is modified."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.43 CTL82 : "<controller name> is functioning normally."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.44 CTL83 : "Communication with <controller name> has been lost."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.45 CTL84 : "<controller name> is running an unsupported firmware version."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.46 CTL85 : "<controller name> is operating at less than optimal bandwidth."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.47 CTL86 : "<controller name> is operating in Fault Tolerant Mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.48 CTL87 : "<controller name> settings do not match the settings of its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.49 CTL88 : "<controller name> firmware does not match the firmware of its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.50 CTL89 : "<controller name> is no longer fault tolerant because the peer controller is not available."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.51 CTL90 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.52 CTL91 : "<controller name> is unable to communicate with its peer."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.53 CTL92 : "<controller name> is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 6"

**4.3.3.54 CTL93 : "<controller name> has been successfully changed to operate in Fault Tolerant mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.55 CTL94 : "<controller name> has been successfully changed to operate in single controller mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.56 CTL95 : "<controller name> has left the fault tolerant pair."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

**4.3.3.57 CTL96 : "<controller name> has entered safe mode with limited functionality due to <controller message>"**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <controller message> = " PERC Controller Message"

**4.3.3.58 CTL97 : "<controller name> personality changed to <new mode> mode."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"
- <new mode> = " HBA"

#### **4.3.3.59 CTL98 : "Security key assigned to <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.60 CTL99 : "Security key assigned to <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.61 CTL100 : "The Patrol Read operation aborted for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.62 CTL101 : "The <controller name> is disabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.63 CTL102 : "The <controller name> is enabled."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.3.64 CTL200 : "The current firmware version <version number> is older than the required version <version number> for <controller name>."**

When event is generated, message will have the following substitutions:

- <version number> = "5.1.10.10"
- <version number> = "5.1.10.15"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.65 CTL201 : "The current driver version <major version number> (<minor version number>) is older than the required driver version <major version number> (<minor version number>) for <controller name>."**

When event is generated, message will have the following substitutions:

- <major version number> = "4.17.02.32"
- <minor version number> = "percsas"
- <major version number> = "4.17.02.35"
- <minor version number> = "percsas"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.66 CTL202 : "Unable to open the firmware and driver configuration file <file name> of <controller name>."**

When event is generated, message will have the following substitutions:

- <file name> = "lsiver.cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.67 CTL203 : "Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.68 CTL204 : "Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.69 CTL205 : "Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.70 CTL206 : "Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.71 CTL207 : "Unable to import the Virtual Disk because the supported limit is exceeded on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.72 CTL208 : "Unable to authenticate the entered passphrase for the <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.73 CTL209 : "Enabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.74 CTL210 : "Disabled persistent hot spare on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.75 CTL211 : "The <property name> property changed on <controller name> through Manage Physical Disk Power option."**

When event is generated, message will have the following substitutions:

- <property name> = "timeinterval"
- <controller name> = " Controller 1 (PERC H800 Adapter)"

#### **4.3.3.76 CTL212 : "The existing encryption key in the <controller name> is deleted."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.77 CTL213 : "The Local Key Management (LKM) is enabled on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.78 CTL214 : "The Local Key Management (LKM) encryption key in the <controller name> has changed."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.79 CTL215 : "Redundant path disconnected on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.80 CTL216 : "Redundant path connection is restored on <Controller Name>."**

When event is generated, message will have the following substitutions:

- <Controller Name> = "Controller 1 (PERC H800 Adapter)"

#### **4.3.3.81 CTL217 : "Redundant path view is cleared on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "Controller 1 (PERC H800 Adapter)"



#### **4.3.4 Subcategory= Diagnostic [MessageID prefix =DIAG]**

##### **4.3.4.1 DIAG0141 : "Hard Drive - No Hard Drive detected."**

##### **4.3.4.2 DIAG0142 : "Hard Drive <Drive Location> - S/N <Serial Number>, <DST Short, DST Long> self test unsuccessful <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "WD-WMAT16606510"
- <DST Short, DST Long> = "DST Long"
- <Error Reason> = ", terminated"

##### **4.3.4.3 DIAG0143 : "Hard Drive <Drive Location> - SMART read command unsuccessful."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

##### **4.3.4.4 DIAG0144 : "Hard Drive <Drive Location> - self test not supported."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"

##### **4.3.4.5 DIAG0145 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test did not complete."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "2-1-0"
- <Serial Number> = "6XM0XEQ2"

##### **4.3.4.6 DIAG0146 : "Hard Drive <Drive Location> - S/N <Serial Number>, self test log contains previous error(s)."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "B363P5B000HM"

##### **4.3.4.7 DIAG0147 : "Optical Drive <Nth Drive> - Self test: <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Error Reason> = "DRAM test failed"

##### **4.3.4.8 DIAG0148 : "Hard/Optical Drive <Nth Drive> - incorrect status: <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "1"

- <Hex> = "0x44"
- <Error Reason> = "Uncorrectable data error"

#### **4.3.4.9 DIAG0149 : "Optical Drive - no drive detected."**

#### **4.3.4.10 DIAG0150 : "Hard Drive - No Hard Drive detected, or disk controller not supported."**

#### **4.3.4.11 DIAG0151 : "Hard Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0-0-0"
- <Serial Number> = "6XM0XEQ2"
- <8000000000000000??> = "8000000000018"
- <Error Reason> = ""

#### **4.3.4.12 DIAG0152 : "Optical Drive <Nth Drive> - Incorrect status = <Hex> <Error Reason>."**

When event is generated, message will have the following substitutions:

- <Nth Drive> = "0"
- <Hex> = "800000000007"
- <Error Reason> = ""

#### **4.3.4.13 DIAG0154 : "Tape Drive <Drive Location> - S/N <Serial Number>, incorrect status = <8000000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"
- <8000000000000000??> = "8000000000018"
- <Error Reason> = ""

#### **4.3.4.14 DIAG0155 : "Hard Drive - Not installed."**

#### **4.3.4.15 DIAG8154 : "Tape Drive <Drive Location> - S/N <Serial Number>, ULTRIUM <Generation> media found but drive requires ULTRIUM <Generation> for <writes>."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "3"
- <Generation> = "4, 5, or 6"
- <Generation> = "6"
- <writes> = "writes"

#### **4.3.4.16 DIAG8155 : "Tape Drive <Drive Location> - S/N <Serial Number>, data read does not match data written."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **4.3.4.17 DIAG8156 : "Tape Drive <Drive Location> - S/N <Serial Number>, no media, cannot test drive."**

When event is generated, message will have the following substitutions:

- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **4.3.4.18 DIAG8157 : "<Tape|Disk> Drive <Drive Location> - S/N <Serial Number>, drive is not a supported drive."**

When event is generated, message will have the following substitutions:

- <Tape|Disk> = "Tape"
- <Drive Location> = "0"
- <Serial Number> = "1013000398"

#### **4.3.4.19 DIAG8158 : "<Backplane|Expander|RD1000> Drive <Drive Location> - S/N <Serial Number>, incorrect status = <80000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <Backplane|Expander|RD1000> = "Backplane"
- <Drive Location> = "0"
- <Serial Number> = "12300398"
- <80000000000000??> = "80000000000007"
- <Error Reason> = ""

#### **4.3.4.20 DIAG8160 : "PERC Battery <PERC Controller Location> - incorrect status = <80000000000000??>\n<Error Reason>."**

When event is generated, message will have the following substitutions:

- <PERC Controller Location> = "0"
- <80000000000000??> = "8000000000000000"
- <Error Reason> = "Battery missing or disconnected"

#### **4.3.4.21 DIAG8166 : "OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application."**

### **4.3.5 Subcategory= Storage Enclosr [MessageID prefix =ENC]**

#### **4.3.5.1 ENC1 : "<Enclosure Management Module Name> was inserted."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **4.3.5.2 ENC2 : "<Enclosure Management Module Name> was removed.."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **4.3.5.3 ENC3 : "<Enclosure Name> is shutdown."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.4 ENC12 : "Communication resumed on <Enclosure Name>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.5 ENC14 : "The number of enclosures connected on <controller name> has exceeded the maximum limit supported by the controller."**

When event is generated, message will have the following substitutions:

- <controller name> = "port 0 of Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.6 ENC18 : "Communication with <enclosure name> was lost."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.7 ENC19 : "<Enclosure Management Module Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Management Module Name> = "EMM 0 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **4.3.5.8 ENC22 : "The <Enclosure Name> has a bad sensor <args>."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " not implemented"

#### **4.3.5.9 ENC23 : "<enclosure name> - Issue with PHY <PHY data>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <PHY data> = " not implemented"

#### **4.3.5.10 ENC24 : "Communication with <enclosure name> is intermittent."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.11 ENC25 : "<enclosure name> has a hardware error."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.12 ENC26 : "<enclosure name> is not responding."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.13 ENC28 : "Enclosure Management Module (EMM) firmware version mismatch detected in <enclosure name>.<EMM 0 version> <EMM 1 version>."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <EMM 0 version> = ".12"
- <EMM 1 version> = ".11"

#### **4.3.5.14 ENC29 : "<Enclosure Name> temperature has returned to normal."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.15 ENC31 : "Firmware download on <Enclosure Name> has failed."**

When event is generated, message will have the following substitutions:

- <Enclosure Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.5.16 ENC40 : "A new enclosure was detected on <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "RAID Controller in Slot 5"

#### **4.3.5.17 ENC100 : "<enclosure name> is sending inconsistent responses to the controller."**

When event is generated, message will have the following substitutions:

- <enclosure name> = "Enclosure 0:0 on Controller 1 at Connector 0"

### **4.3.6 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **4.3.6.1 FAN1000 : "<Fan Sensor Name> was removed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.6.2 FAN1001 : "<Fan Sensor Name> has been inserted."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

#### **4.3.6.3 FAN1002 : "<Fan Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Fan Sensor Name> = "Fan 4 in Enclosure 0 on Connector 1 of RAID Controller in Slot 2"

### **4.3.7 Subcategory= Unknown [MessageID prefix =FLDC]**

#### **4.3.7.1 FLDC1001 : "The journal mirror at path = <World Wide Name> is available."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **4.3.7.2 FLDC1002 : "The following journal mirror is being replaced: File Path Name = <file path>."**

When event is generated, message will have the following substitutions:

- <file path> = ""

#### **4.3.7.3 FLDC1003 : "Cache flushing has started for the virtual disk with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

#### **4.3.7.4 FLDC1004 : "Cache flushing has completed for the virtual disk with WWN = <World Wide name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <World Wide name> = ""

#### **4.3.7.5 FLDC1006 : "The cache device <physical disk name> with WWN = <World Wide Name> and path = <device pathname> is registered."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

#### **4.3.7.6 FLDC1007 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

#### **4.3.7.7 FLDC1008 : "The cache device <physical disk Name> with WWN = <World Wide Name> and path = <device pathname> is being removed."**

When event is generated, message will have the following substitutions:

- <physical disk Name> = ""

#### **4.3.7.8 FLDC1009 : "Caching is being removed for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**4.3.7.9 FLDC1010 : "Caching is enabled on the <virtual disk name> with wwn = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**4.3.7.10 FLDC1012 : "Caching is disabled for the <virtual disk name> with WWN = <World Wide Name> and path = <device pathname>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = ""

**4.3.7.11 FLDC1013 : "The cached LUN with WWN = <World Wide Name> and path = <device pathname> for <virtual disk name> has had a failure."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**4.3.7.12 FLDC1014 : "Replication of the cache device <physical device name> with WWN = <World Wide Name> and path = <device pathname> is complete."**

When event is generated, message will have the following substitutions:

- <physical device name> = ""

**4.3.7.13 FLDC1015 : "Recovery of the cache device <physical disk name> with wwn = <World Wide Name> and path = <device pathameh> is complete."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**4.3.7.14 FLDC1016 : "A valid permanent license is installed for Fluid Cache."**

**4.3.7.15 FLDC1017 : "A license has been installed for Fluid Cache."**

**4.3.7.16 FLDC1018 : "A license has been removed for Fluid Cache."**

**4.3.7.17 FLDC1019 : "All cache devices have been found and registered for Fluid Cache."**

**4.3.7.18 FLDC1020 : "The storage device with WWN = <wwn name> and path = <path name>is in unknown state."**

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**4.3.7.19 FLDC1021 : "The journal mirror entry with WWN = <World Wide Name> is not accessible."**

When event is generated, message will have the following substitutions:

- <World Wide Name> = ""

**4.3.7.20 FLDC1022 : "The associated server of the Cache Device <physical disk name> with WWN = <World Wide Name> is not configured."**

When event is generated, message will have the following substitutions:

- <physical disk name> = ""

**4.3.7.21 FLDC1023 : "Fluid Cache is running on an evaluation license and the evaluation license expires in <days> days."**

When event is generated, message will have the following substitutions:

- <days> = ""

**4.3.7.22 FLDC1024 : "Caching was enabled in write-back mode, but it is currently operating in write-through mode."**

**4.3.7.23 FLDC1025 : "Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode."**

**4.3.7.24 FLDC1026 : "Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache."**

**4.3.7.25 FLDC1027 : "Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache."**

**4.3.7.26 FLDC1028 : "OMSS Connection to Fluid Cache service is no longer present."**

**4.3.7.27 FLDC1029 : "There are not enough journal mirrors available for Fluid Cache to operate."**

**4.3.7.28 FLDC1030 : "The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache."**

**4.3.7.29 FLDC1031 : "The journal could not be read or written to for Fluid Cache."**

**4.3.7.30 FLDC1032 : "The cache device with WWN = <wwn name> and path = <path name> is no longer functional."**

When event is generated, message will have the following substitutions:

- <wwn name> = ""

**4.3.7.31 FLDC1033 : "The storage device WWN = <wwn name> and path = <path name> is either inaccessible or no longer functional."**

When event is generated, message will have the following substitutions:

- <wwn name> = ""



**4.3.7.32 FLDC1034 : "A valid license is not installed for Fluid Cache."**

**4.3.7.33 FLDC1035 : "Configuration changes are not allowed, because Fluid cache is running on an expired evaluation licesnse (Expired days: <number of days>)."**

When event is generated, message will have the following substitutions:

- <number of days> = ""

**4.3.7.34 FLDC1036 : "Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days: <number of days>)."**

When event is generated, message will have the following substitutions:

- <number of days> = ""

**4.3.7.35 FLDC1037 : "Configuration changes are disabled, because Fluid cache is running on an expired or invalid license."**

**4.3.7.36 FLDC1038 : "There is not enough memory capacity to run necessary services for Fluid Cache."**

**4.3.7.37 FLDC1039 : "One or more cache devices are missing, resulting in Fluid Cache to be unresponsive."**

## **4.3.8 Subcategory= Physical Disk [MessageID prefix =PDR]**

**4.3.8.1 PDR1 : "<physical disk> copyback stopped for rebuild."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.2 PDR2 : "Insufficient space available on <physical disk> to perform a copyback operation."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.3 PDR3 : "<PD Name> is not functioning correctly."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.4 PDR4 : "<physical disk> returned to a ready state."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.5 PDR5 : "<PD Name> is removed."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.6 PDR6 : "<physical disk> is offline."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.7 PDR8 : "<PD Name> is inserted."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.8 PDR10 : "<physical disk> rebuild has started."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.9 PDR11 : "<physical disk> rebuild was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.10 PDR13 : "<physical disk> rebuild has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.11 PDR15 : "<physical disk> rebuild is complete."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.12 PDR16 : "Predictive failure reported for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.13 PDR26 : "<physical disk> is online."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.14 PDR37 : "The <physical device> is not supported."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.15 PDR38 : "A clear operation started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.16 PDR41 : "The clear operation on <physical disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.17 PDR43 : "The clear operation on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.18 PDR44 : "The clear operation on <physical disk> failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.19 PDR46 : "Patrol Read found an uncorrectable media error on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.20 PDR47 : "A block on <physical disk> was punctured by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.21 PDR48 : "The <physical disk> rebuild has resumed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.22 PDR49 : "The dedicated hot spare <PD Name> is too small."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.23 PDR50 : "Insufficient space on the global hot spare <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.24 PDR51 : "Hot spare <physical disk> SMART polling has failed.<args>"**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = " Error 123"

#### **4.3.8.25 PDR52 : "A redundant path is broken."**

#### **4.3.8.26 PDR53 : "A redundant path has been restored for <PD Name>."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.27 PDR54 : "A disk media error on <physical disk> was corrected during recovery."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.28 PDR55 : "Insufficient space available on the <physical disk> to perform a rebuild."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.29 PDR56 : "Bad block table on <physical disk> is 80% full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.30 PDR57 : "Bad block table on <physical disk> is full. Unable to log block <logical block address >."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <logical block address > = "a1b1c1d1e1f1"

#### **4.3.8.31 PDR59 : "A bad disk block was reassigned on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.32 PDR60 : "Error occurred on <physical disk> : <error code>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <error code> = " Error 123"

#### **4.3.8.33 PDR61 : "The rebuild of <physical disk> failed due to errors on the source physical disk."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.34 PDR62 : "The rebuild failed due to errors on the target <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.35 PDR63 : "A bad disk block on <physical disk> cannot be reassigned during a write operation."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.36 PDR64 : "An unrecoverable disk media error occurred on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.37 PDR69 : "Rebuild not possible on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.38 PDR70 : "Copyback started from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

**4.3.8.39 PDR71 : "Copyback completed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

**4.3.8.40 PDR72 : "Copyback resumed on <physical disk> from <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

**4.3.8.41 PDR73 : "Copyback failed from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = " Disk 6 in Enclosure 0 on Coonnector 0 of RAID Controller in Slot 5"

**4.3.8.42 PDR75 : "Copyback stopped for hot spare <physical disk> ."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.8.43 PDR77 : "<physical disk> state changed from READY to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.44 PDR79 : "A user terminated Copyback from <physical disk> to <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <physical disk> = "Disk 6 in Enclosure 0 on Coconnector 0 of RAID Controller in Slot 5"

#### **4.3.8.45 PDR81 : "Microcode update started on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.46 PDR82 : "<physical disk> security was activated."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.47 PDR83 : "<PD Name> is reprovisioned."**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.48 PDR84 : "<physical disk> Security key has changed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.49 PDR85 : "Security subsystem errors detected for <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.50 PDR86 : "Bad block table on <physical disk> is full."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.51 PDR87 : "<physical device> was reset."**

When event is generated, message will have the following substitutions:

- <physical device> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.52 PDR88 : "Power state change failed on <PD Name>. (from <state> to <state>)"**

When event is generated, message will have the following substitutions:

- <PD Name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <state> = "Spun Up"

- <state> = "Spun Down"

#### **4.3.8.53 PDR93 : "Microcode update on <physical disk> has completed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.54 PDR94 : "Microcode update on <physical disk> has timed out."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.55 PDR95 : "Microcode update on <physical disk> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.56 PDR96 : "Security was disabled on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.57 PDR97 : "<physical disk> security key required."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.58 PDR98 : "Command timeout occurred on <physical disk>.<args>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"
- <args> = "CDB:1c01a0010000, Sense:5/24/00"

#### **4.3.8.59 PDR102 : "The Patrol Read operation was manually stopped before completion."**

#### **4.3.8.60 PDR103 : "Cryptographic Erase operation is successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Param1"

#### **4.3.8.61 PDR104 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

#### **4.3.8.62 PDR105 : "<physical disk> is assigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.63 PDR106 : "<physical disk> is unassigned as dedicated hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.64 PDR107 : "<physical disk> is assigned as global hot-spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.65 PDR108 : "<physical disk> is unassigned as global hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.8.66 PDR110 : "The <PCIe solid state device name> reliability has degraded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

#### **4.3.8.67 PDR111 : "The volatile memory backup device on <PCIe solid state device name> is no longer functional."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Param1"

#### **4.3.8.68 PDR112 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"
- <percent> = " 80%"

#### **4.3.8.69 PDR113 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **4.3.8.70 PDR114 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **4.3.8.71 PDR115 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:



- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **4.3.8.72 PDR116 : "Predictive failure reported for <PCIe solid state device name>"**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **4.3.8.73 PDR117 : "The <PCIe solid state device name> has turned off because the critical temperature threshold is exceeded."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "PCIe Solid-State Drive in Slot 9 in Bay 1"

#### **4.3.8.74 PDR206 : "<physical disk name> is a solid state drive (SSD) that is not supported by the controller."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.75 PDR207 : "Unable to assign <physical disk name> as a dedicated hot spare."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.76 PDR208 : "Instant Secure Erase operation successfully completed on <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.77 PDR209 : "The power status of <physical disk name> is changed from <previous power status> to <current power status>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <previous power status> = "spundown"
- <current power status> = "spunup"

#### **4.3.8.78 PDR210 : "Successfully updated configuration data on the <physical disk name>."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.79 PDR211 : "<physical disk name> has encountered storage medium error."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.80 PDR212 : "The state of <physical disk name> changed from Ready to Non-RAID."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.81 PDR213 : "The state of <physical disk name> changed from Non-RAID to Ready."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.82 PDR214 : "The <physical disk name> is not supported because it is not supplied by an authroized hardware provider."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.83 PDR215 : "Copyback task to <physical disk name> has failed."**

When event is generated, message will have the following substitutions:

- <physical disk name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.8.84 PDR9000 : "Foreign Configuration was detected on <physical disk>."**

When event is generated, message will have the following substitutions:

- <physical disk> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **4.3.9 Subcategory= Power Supply [MessageID prefix =PSU]**

#### **4.3.9.1 PSU1000 : "Power supply cable has been removed from <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.2 PSU1001 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.3 PSU1002 : "<PSU Sensor Name> was removed"**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.4 PSU1003 : "<PSU Sensor Name> is switched OFF."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.5 PSU1004 : "Power supply cable has been inserted into <PSU Sensor Name>."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.6 PSU1005 : "<PSU sensor name> is switched on."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.7 PSU1006 : "<PSU sensor name> was inserted."**

When event is generated, message will have the following substitutions:

- <PSU sensor name> = "PSU 1 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.8 PSU1007 : "<PSU Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <PSU Sensor Name> = "Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.9.9 PSU1050 : "<power supply name> is switched ON."**

When event is generated, message will have the following substitutions:

- <power supply name> = "Power Supply 2 of Enclosure 0 on Controller 1 at Connector 0"

### **4.3.10 Subcategory= RAC Event [MessageID prefix =RAC]**

#### **4.3.10.1 RAC0513 : "There are no virtual disks to be displayed."**

#### **4.3.10.2 RAC0514 : "Unable to create virtual disk(s)."**

### **4.3.11 Subcategory= PCIe SSD [MessageID prefix =SSD]**

#### **4.3.11.1 SSD1001 : "Write-cache on <PCIe SSD name> is enabled."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.2 SSD1002 : "Write-cache on <PCIe SSD name> is disabled."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.3 SSD1003 : "<PCIe SSD name> is ready for removal."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.4 SSD1004 : "Exported the <PCIe SSD name> log file."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.5 SSD1005 : "Successfully initialized <PCIe SSD name>."**

When event is generated, message will have the following substitutions:

- <PCIe SSD name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.6 SSD1006 : "The <PCIe solid state device name> has reached <percent> of warranted device wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"
- <percent> = " 90%"

#### **4.3.11.7 SSD1007 : "The <PCIe solid state device name> has reached or exceeded its warranted wear-out limit."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.8 SSD1008 : "The <PCIe solid state device name> is approaching read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.9 SSD1009 : "The <PCIe solid state device name> is in read-only mode."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

#### **4.3.11.10 SSD1010 : "The <PCIe solid state device name> is in a security locked state."**

When event is generated, message will have the following substitutions:

- <PCIe solid state device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

### **4.3.12 Subcategory= Storage [MessageID prefix =STOR]**

#### **4.3.12.1 STOR1 : "A device <device name> is in an unknown state."**

When event is generated, message will have the following substitutions:

- <device name> = "Disk 5 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.12.2 STOR2 : "SCSI sense data <args>."**

When event is generated, message will have the following substitutions:

- <args> = "CDB:xyz, Sense:abc"

**4.3.12.3 STOR7 :** "The storage management instrumentation is performing an inventory refresh operation."

**4.3.12.4 STOR8 :** "Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on."

**4.3.12.5 STOR9 :** "No RAID controllers have been detected. Access to shared storage will not be available."

**4.3.12.6 STOR10 :** "Access to shared storage will not be available, because the RAID controller is unable to turn on."

**4.3.12.7 STOR11 :** "The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability."

**4.3.12.8 STOR12 :** "Chassis is operating with a disabled RAID controller."

**4.3.12.9 STOR089 :** "The storage configuration operation is successfully completed and the change is in pending state."

**4.3.12.10 STOR090 :** "Unable to create a virtual disk because an invalid value of span count value is entered for the RAID level selected."

**4.3.12.11 STOR092 :** "Unable to run the configuration operation on the controller because foreign configuration import operation is in progress."

**4.3.12.12 STOR093 :** "Unable to run the configuration operation because the controller is not available for the import process."

**4.3.12.13 STOR094 :** "The storage configuration operation is successfully completed and the change is in pending state."

**4.3.12.14 STOR095 :** "Storage operation is successfully completed."

**4.3.12.15 STOR096 :** "Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB)."

**4.3.12.16 STOR097 :** "Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size."

**4.3.12.17 STOR099 :** "Unable to find the FQDD <component FQDD> because an invalid FQDD is entered or an operation is pending on the specified FQDD."

When event is generated, message will have the following substitutions:

- <component FQDD> = "FQDD"

**4.3.12.18 STOR0200 : "Array Manager is installed on the system."**

**4.3.12.19 STOR0201 : "Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware."**

**4.3.12.20 STOR0202 : "The configuration file (Path: <file path>) that contains firmware and driver information for <controller name> is not updated or is incorrectly formatted to complete the comparison."**

When event is generated, message will have the following substitutions:

- <file path> = "C:\Program Files (x86)\Dell\SysMgt\sm\cfg"
- <controller name> = "Controller 1 (PERC H800 Adapter)"

**4.3.12.21 STOR0203 : "The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions."**

**4.3.12.22 STOR0204 : "The non-RAID SCSI driver version is older than the minimum required version."**

**4.3.12.23 STOR0205 : "Global rescan initiated for all storage components in the system."**

**4.3.12.24 STOR0206 : "Smart thermal shutdown feature is enabled."**

**4.3.12.25 STOR0207 : "Smart thermal shutdown feature is disabled."**

**4.3.12.26 STOR0208 : "Protection policy has changed."**

**4.3.12.27 STOR0209 : "Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete."**

**4.3.12.28 STOR0210 : "SCSI sense data (<sense info>) received from <device name>."**

When event is generated, message will have the following substitutions:

- <sense info> = "Sense key: 6 Sense code: 29 Sense qualifier: 0"
- <device name> = "Controller 1 (PERC H800 Adapter)"

**4.3.12.29 STOR0211 : "The <device name> has returned to normal state."**

When event is generated, message will have the following substitutions:

- <device name> = "Enclosure 0:0 on Controller 1 at Connector 0"

**4.3.12.30 STOR0212 : "The <device name> has failed."**

When event is generated, message will have the following substitutions:

- <device name> = "Physical Disk 1:0:5 on Controller 0 at Connector 1"

**4.3.12.31 STOR0506 : "Unable to create virtual disk."**

**4.3.12.32 STOR0507 : "Insufficient physical disk space on selected RAID controller."**

**4.3.12.33 STOR0508 : "No supported controllers present for RAID configuration."**

**4.3.12.34 STOR0509 : "No RAID levels are supported."**

**4.3.12.35 STOR0510 : "Encryption configuration failed."**

**4.3.12.36 STOR0511 : "Unable to change the encryption key."**

**4.3.12.37 STOR0512 : "Unable to apply the encryption key."**

**4.3.12.38 STOR0513 : "Unable to encrypt virtual disks."**

**4.3.12.39 STOR0514 : "Unable to initialize the selected physical disk drive(s)."**

### **4.3.13 Subcategory= Software Change [MessageID prefix =SWU]**

**4.3.13.1 SWU001 : "The backplane firmware update completed successfully."**

**4.3.13.2 SWU002 : "The backplane firmware update did not complete successfully."**

### **4.3.14 Subcategory= Temperature [MessageID prefix =TMP]**

**4.3.14.1 TMP7 : "<Temp Sensor Name> has failed."**

When event is generated, message will have the following substitutions:

- <Temp Sensor Name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.14.2 TMP1000 : "<tempsensor name> exceeded the maximum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.14.3 TMP1001 : "<tempsensor name> has crossed the minimum warning threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

**4.3.14.4 TMP1002 : "<tempsensor name> has exceeded the maximum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.14.5 TMP1003 : "<tempsensor name> has crossed the minimum failure threshold."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

#### **4.3.14.6 TMP1004 : "<tempsensor name> has returned to normal."**

When event is generated, message will have the following substitutions:

- <tempsensor name> = "Temperature Sensor 0 in Enclosure 0 on Connector 0 of RAID Controller in Slot 5"

### **4.3.15 Subcategory= Virtual Disk [MessageID prefix =VDR]**

#### **4.3.15.1 VDR2 : "<virtual disk> returned to optimal state."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.2 VDR4 : "<virtual disk> was created."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.3 VDR5 : "<virtual disk> was deleted."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.4 VDR7 : "<virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.5 VDR8 : "<virtual disk> has become degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.6 VDR9 : "<virtual disk> consistency check has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.7 VDR11 : "<virtual disk> has started initializing."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"



#### **4.3.15.8 VDR12 : "<virtual disk> reconfiguration has started."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.9 VDR14 : "The consistency check on <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.10 VDR15 : "Initialization of <virtual disk> was cancelled."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.11 VDR16 : "Consistency check of <virtual disk> failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.12 VDR18 : "Initialization of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.13 VDR19 : "Reconfiguration of <virtual disk> has failed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.14 VDR21 : "Consistency check for <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.15 VDR23 : "Initialization of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.16 VDR24 : "Reconfiguration of <virtual disk> has completed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.17 VDR30 : "<virtual disk> write policy has changed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.18 VDR31 : "Controller cache is preserved for missing or offline <VD Name>."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.19 VDR32 : "Background initialization has started for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.20 VDR33 : "Background initialization was cancelled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.21 VDR34 : "Background initialization failed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.22 VDR35 : "Background initialization has completed for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.23 VDR39 : "The check consistency has made corrections and completed for <VD name>."**

When event is generated, message will have the following substitutions:

- <VD name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.24 VDR40 : "The reconfiguration of <virtual disk> has resumed."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.25 VDR41 : "<VD Name> read policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.26 VDR44 : "<VD Name> disk cache policy has changed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.27 VDR47 : "A disk media error was corrected on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.28 VDR48 : "<VD Name> has inconsistent data."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.29 VDR50 : "Background Initialization (BGI) completed with uncorrectable errors on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.30 VDR51 : "The consistency check process made corrections and completed on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.31 VDR52 : "The consistency check found inconsistent parity data on <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.32 VDR53 : "The consistency check logging of inconsistent parity data is disabled for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.33 VDR56 : "Redundancy of <virtual disk> has been degraded."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.34 VDR57 : "Background Initialization in <VD Name> corrected medium error."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.35 VDR58 : "Bad block medium error is detected at block <args> on <VD Name>."**

When event is generated, message will have the following substitutions:

- <args> = "0x12345678"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

#### **4.3.15.36 VDR59 : "<VD Name> security has failed."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.37 VDR91 : "Consistency check for <virtual disk> has detected multiple uncorrectable medium errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.38 VDR92 : "Consistency check for <virtual disk> has completed with uncorrectable errors."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.39 VDR93 : "<VD Name> bad block medium error is cleared."**

When event is generated, message will have the following substitutions:

- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.40 VDR94 : "Controller preserved cache was recovered for <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.41 VDR95 : "Unable to log block <arg>.Bad block table on <VD Name> is full."**

When event is generated, message will have the following substitutions:

- <arg> = "0x1234567890"
- <VD Name> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.42 VDR96 : "Bad block table on <virtual disk> is 80 percent full."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.43 VDR98 : "<virtual disk> has switched active controllers. Its active path is now through <controller name>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0"
- <controller name> = " RAID Controller in Slot 5"

**4.3.15.44 VDR99 : "<virtual disk> is unavailable because of an ID conflict in the fault-tolerant pair."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.45 VDR100 : "<virtual disk> is unavailable because of incompatibilities with the current controller."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 0 on Integrated RAID Controller 1"

**4.3.15.46 VDR101 : "Hot Spare Protection policy deviation with severity set at Informational level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**4.3.15.47 VDR101 : "Virtual Adapter mapping reported for <Virtual Disk Name>. Virtual Adapter 1 is now <Access Policy 1>. Virtual Adapter 2 is now <Access Policy 2>. Virtual Adapter 3 is now <Access Policy 3>. Virtual Adapter 4 is now <Access Policy 4>"**

When event is generated, message will have the following substitutions:

- <Virtual Disk Name> = "Virtual Disk 0 on Integrated RAID Controller 0"
- <Access Policy 1> = " Read/Write"
- <Access Policy 2> = " No Access"
- <Access Policy 3> = " No Access"
- <Access Policy 4> = " No Access"

**4.3.15.48 VDR102 : "Hot Spare Protection policy deviation with severity set at Warning level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**4.3.15.49 VDR103 : "Hot Spare Protection policy deviation with severity set at Critical level occurred for <virtual disk names>."**

When event is generated, message will have the following substitutions:

- <virtual disk names> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**4.3.15.50 VDR104 : "Successfully secured <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**4.3.15.51 VDR105 : "The <virtual disk name> on power save mode drives is available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

**4.3.15.52 VDR106 : "<virtual disk name> on spun down power save mode drives is not available."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.53 VDR107 : "Successfully resized Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.54 VDR108 : "Successfully created Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.55 VDR109 : "Successfully deleted Controller Enhanced cache (<virtual disk name>)."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.56 VDR110 : "Unrecoverable storage medium error detected on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.57 VDR111 : "Corrected disk storage medium error on <virtual disk name>."**

When event is generated, message will have the following substitutions:

- <virtual disk name> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

#### **4.3.15.58 VDR112 : "Deleted the <virtual disk>."**

When event is generated, message will have the following substitutions:

- <virtual disk> = "Virtual Disk 1 (Virtual Disk 1) on Controller 0 (PERC 5/i Integrated)"

## **4.4 Category: System Health**

### **4.4.1 Subcategory= Amperage [MessageID prefix =AMP]**

#### **4.4.1.1 AMP0300 : "The system board <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.2 AMP0301 : "The system board <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.3 AMP0302 : "The system board <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.4 AMP0303 : "The system board <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.5 AMP0304 : "The system board <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.6 AMP0305 : "The system board <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.7 AMP0306 : "Disk drive bay <name> current is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.8 AMP0307 : "Disk drive bay <name> current is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.9 AMP0308 : "Disk drive bay <name> current is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.10 AMP0309 : "Disk drive bay <name> current is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.11 AMP0310 : "Disk drive bay <name> current is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.12 AMP0311 : "Disk drive bay <name> current is within range."**

When event is generated, message will have the following substitutions:

- <name> = "fail-safe"

#### **4.4.1.13 AMP0312 : "System level current is less than the lower warning threshold."**

#### **4.4.1.14 AMP0313 : "System level current is less than the lower critical threshold."**

#### **4.4.1.15 AMP0314 : "System level current is greater than the upper warning threshold."**

#### **4.4.1.16 AMP0315 : "System level current is greater than the upper critical threshold."**

#### **4.4.1.17 AMP0316 : "System level current is outside of range."**

#### **4.4.1.18 AMP0317 : "System level current is within range."**

#### **4.4.1.19 AMP0318 : "Chassis power level current is less than the lower warning threshold."**

#### **4.4.1.20 AMP0319 : "Chassis power level current is less than the lower critical threshold."**

#### **4.4.1.21 AMP0320 : "Chassis power level current is greater than the upper warning threshold."**

#### **4.4.1.22 AMP400 : "The <sensor name> sensor has failed, and the last recorded value by the sensor was <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

#### **4.4.1.23 AMP401 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"

#### **4.4.1.24 AMP402 : "The <sensor name> sensor returned to a normal state with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 56.000"

#### **4.4.1.25 AMP403 : "The <sensor name> sensor state has changed to a warning state with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"



- <current> = " 100.000"

#### **4.4.1.26 AMP404 : "The <sensor name> sensor detected an error with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658"

#### **4.4.1.27 AMP405 : "The <sensor name> sensor state has changed to a failed state with a value of <current> A."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Pwr Consumption"
- <current> = " 658.000"

### **4.4.2 Subcategory= Auto Sys Reset [MessageID prefix =ASR]**

#### **4.4.2.1 ASR0000 : "The watchdog timer expired."**

#### **4.4.2.2 ASR0001 : "The watchdog timer reset the system."**

#### **4.4.2.3 ASR0002 : "The watchdog timer powered off the system."**

#### **4.4.2.4 ASR0003 : "The watchdog timer power cycled the system."**

#### **4.4.2.5 ASR0008 : "The watchdog timer interrupt was initiated."**

#### **4.4.2.6 ASR0100 : "The BIOS watchdog timer reset the system."**

#### **4.4.2.7 ASR0101 : "The OS watchdog timer reset the system."**

#### **4.4.2.8 ASR0102 : "The OS watchdog timer shutdown the system."**

#### **4.4.2.9 ASR0103 : "The OS watchdog timer powered down the system."**

#### **4.4.2.10 ASR0104 : "The OS watchdog timer powered cycle the system."**

#### **4.4.2.11 ASR0105 : "The OS watchdog timer powered off the system."**

#### **4.4.2.12 ASR0106 : "The OS watchdog timer expired."**

#### **4.4.2.13 ASR0107 : "The OS watchdog timer pre-timeout interrupt was initiated."**

#### **4.4.2.14 ASR200 : "The watchdog timer expired at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**4.4.2.15 ASR201 : "The watchdog timer restarted the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**4.4.2.16 ASR202 : "The watchdog timer turned off the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**4.4.2.17 ASR203 : "The watchdog timer performed an AC power cycle on the system at <day month date hh:mm:ss yyyy>."**

When event is generated, message will have the following substitutions:

- <day month date hh:mm:ss yyyy> = "Tue Jan 08 10:56:54 2013"

**4.4.2.18 ASR8500 : "Watchdog timer is disabled."**

### **4.4.3 Subcategory= Battery Event [MessageID prefix =BAT]**

**4.4.3.1 BAT0000 : "The system board battery is low."**

**4.4.3.2 BAT0001 : "The system board battery is operating normally."**

**4.4.3.3 BAT0002 : "The system board battery has failed."**

**4.4.3.4 BAT0003 : "The system board battery is present."**

**4.4.3.5 BAT0004 : "The system board battery is absent."**

**4.4.3.6 BAT0005 : "The storage battery is low."**

**4.4.3.7 BAT0006 : "The storage battery is operating normally."**

**4.4.3.8 BAT0007 : "The storage battery has failed."**

**4.4.3.9 BAT0008 : "The storage battery is present."**

**4.4.3.10 BAT0009 : "The storage battery is absent."**

**4.4.3.11 BAT0010 : "The storage battery for disk drive bay <bay> is low."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

**4.4.3.12 BAT0011 : "The storage battery for disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **4.4.3.13 BAT0012 : "The storage battery for disk drive bay <bay> has failed."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **4.4.3.14 BAT0013 : "The storage battery for disk drive bay <bay> is present."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **4.4.3.15 BAT0014 : "The storage battery for disk drive bay <bay> is absent."**

When event is generated, message will have the following substitutions:

- <bay> = "1"

#### **4.4.3.16 BAT0015 : "The <name> battery is low."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **4.4.3.17 BAT0016 : "The <name> battery is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **4.4.3.18 BAT0017 : "The <name> battery has failed."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **4.4.3.19 BAT0018 : "The <name> battery is present."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

#### **4.4.3.20 BAT0019 : "The <name> battery is absent."**

When event is generated, message will have the following substitutions:

- <name> = "CMOS"

**4.4.3.21 BAT0030 : "The system board battery is reading low."**

**4.4.3.22 BAT0031 : "The system board battery status is unknown."**

#### **4.4.4 Subcategory= Chassis Management Controller [MessageID prefix =CMC]**

**4.4.4.1 CMC8502 : "Unable to access the IPv6 information of the server."**

**4.4.4.2 CMC8503 : "Unable to access the IPv4 information of the server."**

**4.4.4.3 CMC8504 : "Unable to access server: <slot number>, because the NIC is disabled on the identified server."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.4.4 CMC8505 : "Unable to access server: <slot number> because both IPv4 and IPv6 are disabled. NIC Enabled = <state>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.4.5 CMC8514 : "Fabric mismatch is detected in the I/O Module <iom slot name>."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**4.4.4.6 CMC8516 : "The I/O Module <iom slot name> did not boot within the expected time."**

When event is generated, message will have the following substitutions:

- <iom slot name> = ""

**4.4.4.7 CMC8517 : "A double height server is detected in slot <slot number>, however the server is not detected in the bottom slot."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.4.8 CMC8518 : "Detecting Double height server in slot <slot number> but the iDRAC in bottom slot <slot number> is also responding."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.4.9 CMC8519 : "The LOM riser FRU for slot <slot number> FRU ID <fru id> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.10 CMC8520 : "The FRU on server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.11 CMC8521 : "The Mezz card 1 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.12 CMC8522 : "The Mezz card 2 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.13 CMC8523 : "The Mezz card 3 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.14 CMC8524 : "The Mezz card 4 FRU for the server <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.15 CMC8525 : "The FRU on the sleeve <slot number> is not functioning."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.16 CMC8526 : "Unable to retrieve the server-<slot number> CPU information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.17 CMC8527 : "Unable to retrieve the server-<slot number> memory information."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.18 CMC8528 : "Unable to obtain or send link tuning or flex address data to server-<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

#### **4.4.4.19 CMC8534 : "Unable to turn on the server <slot number> because the power requirement request exceeds the power cap value."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

### **4.4.5 Subcategory= Processor [MessageID prefix =CPU]**

#### **4.4.5.1 CPU0000 : "CPU <number> has an internal error (IERR)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.2 CPU0001 : "CPU <number> has a thermal trip (over-temperature) event."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.3 CPU0002 : "CPU <number> has failed the built-in self-test (BIST)."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.4 CPU0003 : "CPU <number> is stuck in POST."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.5 CPU0004 : "CPU <number> failed to initialize."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.6 CPU0005 : "CPU <number> configuration is unsupported."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.7 CPU0006 : "Unrecoverable CPU complex error detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.8 CPU0007 : "CPU <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.9 CPU0008 : "CPU <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.10 CPU0009 : "CPU <number> terminator is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.11 CPU0010 : "CPU <number> is throttled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.12 CPU0011 : "Uncorrectable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.13 CPU0012 : "Correctable Machine Check Exception detected on CPU <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.14 CPU0016 : "CPU <number> is operating correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.15 CPU0021 : "CPU <number> is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.16 CPU0024 : "CPU <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.17 CPU0025 : "CPU <number> terminator is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.18 CPU0700 : "CPU <number> initialization error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.19 CPU0701 : "CPU <number> protocol error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.20 CPU0702 : "CPU bus parity error detected."**

#### **4.4.5.21 CPU0703 : "CPU bus initialization error detected."**

#### **4.4.5.22 CPU0704 : "CPU <number> machine check error detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.23 CPU0800 : "CPU <number> voltage regulator module is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.24 CPU0801 : "CPU <number> voltage regulator module failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.25 CPU0802 : "A predictive failure detected on CPU <number> voltage regulator module."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.26 CPU0803 : "The power input for CPU <number> voltage regulator module is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.27 CPU0804 : "The power input for CPU <number> voltage regulator module is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.28 CPU0805 : "The power input for CPU <number> voltage regulator module is outside of range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"



#### **4.4.5.29 CPU0806 : "CPU <number> voltage regulator module is incorrectly configure."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.30 CPU0816 : "CPU <number> voltage regulator module is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.31 CPU0817 : "CPU <number> voltage regulator module is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.32 CPU0819 : "The power input for CPU <number> voltage regulator module has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.5.33 CPU0822 : "CPU <number> voltage regulator module is configured correctly."**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **4.4.6 Subcategory= Proc Absent [MessageID prefix =CPUA]**

#### **4.4.6.1 CPUA0023 : "CPU <number> is absent"**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **4.4.7 Subcategory= Diagnostic [MessageID prefix =DIAG]**

#### **4.4.7.1 DIAG0000 : "Pass"**

#### **4.4.7.2 DIAG0111 : "CPU <Cpu Number> : <Exception Type> exception occurred."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"
- <Exception Type> = "Stack"

#### **4.4.7.3 DIAG0112 : "CPU <Cpu Number> - Machine check exception detected."**

When event is generated, message will have the following substitutions:

- <Cpu Number> = "0"

#### **4.4.7.4 DIAG0114 : "Cache integrity test discrepancy <Error Reason>"**

When event is generated, message will have the following substitutions:

- <Error Reason> = "Unable to start application processor(s)."

#### **4.4.7.5 DIAG0115 : "CPU Stress Thermal condition. Limit <Degrees>C, Actual <Degrees>C."**

When event is generated, message will have the following substitutions:

- <Degrees> = "60"
- <Degrees> = "73"

#### **4.4.7.6 DIAG0121 : "Memory errors detected, but successfully resolved."**

#### **4.4.7.7 DIAG0122 : "Memory errors detected. Limit exceeded. Additional errors will not be resolved."**

#### **4.4.7.8 DIAG0123 : "UEFI: Memory error detected. :OR: LEGACY: Memory - integrity test discrepancy."**

#### **4.4.7.9 DIAG0124 : "<Timestamp>, <Log message>"**

When event is generated, message will have the following substitutions:

- <Timestamp> = "Jun 20 2012 13:52:05"
- <Log message> = "Warning. ECC Corr Err: Memory sensor, correctable ECC [DIMM\_A1] was asserted."

#### **4.4.7.10 DIAG0125 : "The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted."**

#### **4.4.7.11 DIAG0126 : "The event log(s) must be cleared before testing can continue."**

#### **4.4.7.12 DIAG0131 : "Battery - The battery is not installed."**

#### **4.4.7.13 DIAG0132 : "Battery - The battery is reaching the end of its usable life."**

#### **4.4.7.14 DIAG0133 : "Battery - The battery cannot provide sufficient power."**

#### **4.4.7.15 DIAG0212 : "System board - CMOS, Location = <Hex>h, Expected = <Hex>h, Found = <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "42"
- <Hex> = "80"
- <Hex> = "80"

**4.4.7.16 DIAG0213 : "System board - CMOS battery failure detected."**

**4.4.7.17 DIAG0221 : "System board - Interval timer not functional."**

**4.4.7.18 DIAG0232 : "RTC - did not generate periodic ticks."**

**4.4.7.19 DIAG0233 : "System board - RTC seconds count is not updating."**

**4.4.7.20 DIAG0234 : "System board - HPET <1>, incorrect time period. Expected = <Decimal>, Found = <Decimal>."**

When event is generated, message will have the following substitutions:

- <1> = "1"
- <Decimal> = "1"
- <Decimal> = "0"

**4.4.7.21 DIAG0235 : "PM timer 1 had wrong time period. Expected <Decimal>, Actual <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <Decimal> = "0"

**4.4.7.22 DIAG0241 : "BIOS - A20 gate not enabled."**

**4.4.7.23 DIAG0242 : "System board - Interrupt controller, IRQ = <Decimal>: <IRQ Description> not detected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "0"
- <IRQ Description> = "system timer"

**4.4.7.24 DIAG0243 : "USB controller error."**

**4.4.7.25 DIAG0244 : "USB device failed with return code 0x<Hex>."**

When event is generated, message will have the following substitutions:

- <Hex> = "FF"

**4.4.7.26 DIAG0245 : "Timeout waiting for the device to respond."**

**4.4.7.27 DIAG0251 : "Event log - The log contains failing records."**

**4.4.7.28 DIAG0313 : "Touchpad - Pointing stick/touchpad not detected."**

**4.4.7.29 DIAG0314 : "Thermal: The (<Sensor Name>) reading (<Degrees>C) exceeds the thermal limit."**

When event is generated, message will have the following substitutions:

- <Sensor Name> = "CPU1"
- <Degrees> = "78"

**4.4.7.30 DIAG0315 : "Sensor: The (<Sensor Name>) reading <Degrees>C) is lower than expected."**

When event is generated, message will have the following substitutions:

- <Sensor Name> = "CPU1"
- <Degrees> = "0"

**4.4.7.31 DIAG0321 : "LCD EDID - Unable to access EDID EEPROM."**

**4.4.7.32 DIAG0322 : "LCD panel - Unable to modify brightness."**

**4.4.7.33 DIAG0323 : "Unable to detect inverter lamp status."**

**4.4.7.34 DIAG0324 : "LCD panel - User reported LCD BIST colors were not displayed."**

**4.4.7.35 DIAG0325 : "LCD panel - User provided no input for LCD BIST."**

**4.4.7.36 DIAG0326 : "LCD panel - Unable to turn lamp on or off."**

**4.4.7.37 DIAG0327 : "LCD panel - Unable to use BIOS interface."**

**4.4.7.38 DIAG0328 : "LCD panel - Unable to detect variance in ambient light sensor."**

**4.4.7.39 DIAG0331 : "Video controller - No video controller detected."**

**4.4.7.40 DIAG0332 : "Video memory - Video memory integrity test discrepancy."**

**4.4.7.41 DIAG0333 : "Video - User provided no input for graphics test"**

**4.4.7.42 DIAG0334 : "Video - User reported the patterns were not displayed."**

**4.4.7.43 DIAG0411 : "Cables - <Hardware Name> not detected."**

When event is generated, message will have the following substitutions:

- <Hardware Name> = "Intrusion"

**4.4.7.44 DIAG0412 : "Cables - <AUX LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <AUX LCD Name> = "Auxiliary LCD cable"

**4.4.7.45 DIAG0413 : "Cables - <LCD Name> not detected."**

When event is generated, message will have the following substitutions:

- <LCD Name> = "LCD cable"

#### **4.4.7.46 DIAG 0414 : "Cables - <Inverter Name> not detected."**

When event is generated, message will have the following substitutions:

- <Inverter Name> = "Inverter cable"

#### **4.4.7.47 DIAG0415 : "Cables - Check the following cable, jumper, connection, or sensor: <Name>."**

When event is generated, message will have the following substitutions:

- <Name> = "Intrusion"

#### **4.4.7.48 DIAG0511 : "Fan - The (<Name>) fan failed to respond correctly."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 1"

#### **4.4.7.49 DIAG0512 : "Fan - The (<Name>) fan is running faster than expected."**

When event is generated, message will have the following substitutions:

- <Name> = "Fan 2"

#### **4.4.7.50 DIAG0620 : "Network <Number> - <Failure Message>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Failure Message> = "Failed with Device Error"

#### **4.4.7.51 DIAG0621 : "Network <Number> - Driver version <Hex> outdated. Version <Hex> or newer required for "<EFI Driver Name>"**

When event is generated, message will have the following substitutions:

- <Number> = "1"
- <Hex> = "00070222"
- <Hex> = "00070419"
- <EFI Driver Name> = "Broadcom 10 Gigabit Ethernet Driver"

#### **4.4.7.52 DIAG8001 : "No BIOS support for software interrupt <Hex>h, function(ah) <Hex>h."**

When event is generated, message will have the following substitutions:

- <Hex> = "0xA3"
- <Hex> = "0x52"

#### **4.4.7.53 DIAG8002 : "No BIOS support for SMI interface function(ah) <Hex Function>h.;Sensor <Name> exceeded thermal zone <Decimal>. Peak zone was <Decimal>."**

When event is generated, message will have the following substitutions:

- <Hex Function> = "0x52"

- <Name> = "CPU Thermistor"
- <Decimal> = "7"
- <Decimal> = "8"

#### **4.4.7.54 DIAG8003 : "Fan - Unable to set Manufacturing Mode."**

#### **4.4.7.55 DIAG8004 : "Fan - Unable to determine fan speeds."**

#### **4.4.7.56 DIAG8005 : "LCD BIST not supported. or Fan - Fan speed failure. Expected at least <RPM>, observed <RPM>."**

When event is generated, message will have the following substitutions:

- <RPM> = "3500"
- <RPM> = "2600"

#### **4.4.7.57 DIAG8006 : "Fan - Unable to set fans to <High, Low, Original> speed. or No chipset event timer!"**

When event is generated, message will have the following substitutions:

- <High, Low, Original> = "High"

#### **4.4.7.58 DIAG8007 : "Log contains Fan events;Timer expected <Decimal> observed <Decimal>."**

When event is generated, message will have the following substitutions:

- <Decimal> = "55"
- <Decimal> = "AA"

#### **4.4.7.59 DIAG8008 : "Out of memory! fMalloc() Failed! :OR: Unable to allocate memory for object data. :OR: Unable to <Name> testable memory. :OR: Unable to start application processor(s) :OR: Unable to stop all APs. The system may be unstable and should be rebooted."**

When event is generated, message will have the following substitutions:

- <Name> = "allocate"

#### **4.4.7.60 DIAG8009 : "Cannot find memory to free! fFree() Failed with pointer <Hex>"**

When event is generated, message will have the following substitutions:

- <Hex> = "007C1234"

#### **4.4.7.61 DIAG8010 : "High-Precision event timer not found."**

#### **4.4.7.62 DIAG8011 : "Invalid status return from the device."**

#### **4.4.7.63 DIAG8012 : "Invalid parameter passed to the device.; Unknown test (<Decimal>) selected."**

When event is generated, message will have the following substitutions:

- <Decimal> = "1"

#### **4.4.7.64 DIAG8013 : "LCD <Name> doesnt support test commands."**

When event is generated, message will have the following substitutions:

- <Name> = "LCD"

#### **4.4.7.65 DIAG8014 : "ADDF module (<Name>) device (<Name>) failed with error code <Hex>, number <hex>. No EPSA beep code mapped."**

When event is generated, message will have the following substitutions:

- <Name> = "8008"
- <Name> = "2"

#### **4.4.7.66 DIAG8015 : "Unable to stop all APs. The system may be unstable and should be rebooted."**

#### **4.4.7.67 DIAG8016 : "Battery - unable to retrieve battery health."**

#### **4.4.7.68 DIAG8017 : "Battery - BIOS has no support for battery health."**

#### **4.4.7.69 DIAG8018 : "Fatal: The module reported multiple test results!!"**

#### **4.4.7.70 DIAG8019 : "Unable to log to NVRAM."**

#### **4.4.7.71 DIAG8020 : "Low memory. <Decimal>k bytes free!"**

When event is generated, message will have the following substitutions:

- <Decimal> = "1000"

#### **4.4.7.72 DIAG8021 : "SMBIOS DIMM configuration did not match."**

#### **4.4.7.73 DIAG8170 : "PCIe - Training error PciTag-<tag> VendorID-<hex> DeviceID-<hex>SVid-<hex>SDid-<hex> Bus <decimal>: Link Degraded, maxLinkWidth = x<decimal>, negotiatedLinkWidth = x<decimal>, Slot <slot>"**

When event is generated, message will have the following substitutions:

- <tag> = "0300"
- <hex> = "1000"
- <hex> = "0073"
- <hex> = "1000"
- <hex> = "1F4E"
- <decimal> = "02"
- <decimal> = "2"
- <decimal> = "1"
- <slot> = "2"

#### **4.4.7.74 DIAG8171 : "PCIe - PCI device in physical Slot <decimal>, PciTag <hex>, is present but not responding"**

When event is generated, message will have the following substitutions:

- <decimal> = "1"
- <hex> = "300"

#### **4.4.7.75 DIAG8611 : "User reported not hearing speaker tone"**

#### **4.4.7.76 DIAG800B : "Retrieve vendor ID function error."**

#### **4.4.7.77 DIAG800C : "Get/Set inverter mode function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "Maxim"
- <Decimal> = "1"

#### **4.4.7.78 DIAG800D : "Set lamp off function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MicroSemi"
- <Decimal> = "2"

#### **4.4.7.79 DIAG800E : "Set lamp on function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "MPS"
- <Decimal> = "3"

#### **4.4.7.80 DIAG800F : "Restore function error. Vendor: <Name> Revision: <Decimal>."**

When event is generated, message will have the following substitutions:

- <Name> = "O2"
- <Decimal> = "4"

### **4.4.8 Subcategory= Fan Event [MessageID prefix =FAN]**

#### **4.4.8.1 FAN0000 : "Fan <number> RPM is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.2 FAN0001 : "Fan <number> RPM is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"



#### **4.4.8.3 FAN0002 : "Fan <number> RPM is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.4 FAN0003 : "Fan <number> RPM is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.5 FAN0004 : "Fan <number> RPM is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.6 FAN0005 : "Fan <number> RPM is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.7 FAN0006 : "Fan <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.8 FAN0007 : "Fan <number> was inserted."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.9 FAN0008 : "Fan <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.10 FAN0009 : "Fan <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.11 FAN0010 : "Fan <number> is disabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.12 FAN0011 : "Fan <number> is enabled."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.8.13 FAN0012 : "<fan name> RPM is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.14 FAN0013 : "<fan name> RPM is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.15 FAN0014 : "<fan name> RPM is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.16 FAN0015 : "<fan name> RPM is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.17 FAN0016 : "<fan name> RPM is outside of normal operating range."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.18 FAN0017 : "<fan name> RPM is within normal operating range."**

When event is generated, message will have the following substitutions:

- <fan name> = "Blower"

#### **4.4.8.19 FAN0018 : "Enhanced Cooling Mode is not supported for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **4.4.8.20 FAN0019 : "An incompatibility between operating mode and fan type was corrected for fan <fan number>."**

When event is generated, message will have the following substitutions:

- <fan number> = "1"

#### **4.4.8.21 FAN0020 : "The <fan name> is non-functional."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

#### **4.4.8.22 FAN0021 : "<fan name> is offline."**

When event is generated, message will have the following substitutions:

- <fan name> = "Fan 1"

**4.4.8.23 FAN0022 : "The <sensor name> sensor has failed, and the last recorded value by the sensor was <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**4.4.8.24 FAN0024 : "The <sensor name> sensor returned to a normal state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**4.4.8.25 FAN0025 : "The <sensor name> sensor state has changed to a warning state with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**4.4.8.26 FAN0026 : "The <sensor name> sensor detected an error with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**4.4.8.27 FAN0027 : "The <sensor name> sensor has failed with a value of <fan speed> RPM."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"
- <fan speed> = " 1"

**4.4.8.28 FAN0023 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "Fan 1"

**4.4.9 Subcategory= Fiber Channel [MessageID prefix =FC]**

**4.4.9.1 FC102 : "The FC <controller ID> port <port ID> link is not functioning either because the FC cable is not connected or the FC device is not functioning."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"

- <port ID> = " 1"

#### **4.4.9.2 FC103 : "The FC <controller ID> port <port ID> network connection is successfully started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Slot 4"
- <port ID> = " 1"

### **4.4.10 Subcategory= Hardware Config [MessageID prefix =HWC]**

#### **4.4.10.1 HWC1000 : "The <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **4.4.10.2 HWC1001 : "The <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "KVM"

#### **4.4.10.3 HWC1004 : "The storage adapter is present."**

#### **4.4.10.4 HWC1005 : "The storage adapter is absent."**

#### **4.4.10.5 HWC1008 : "The backplane is present."**

#### **4.4.10.6 HWC1009 : "The backplane is absent."**

#### **4.4.10.7 HWC1012 : "The USB cable is present."**

#### **4.4.10.8 HWC1013 : "The USB cable is absent."**

#### **4.4.10.9 HWC1014 : "The mezzanine card <number> is present."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **4.4.10.10 HWC1015 : "The mezzanine card <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **4.4.10.11 HWC1200 : "The sled <sled name> is inserted in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **4.4.10.12 HWC1201 : "The sled <sled name> is removed from slot <slot number>."**

When event is generated, message will have the following substitutions:

- <sled name> = "VGA"
- <slot number> = "1"

#### **4.4.10.13 HWC2000 : "The <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **4.4.10.14 HWC2001 : "The <name> cable or interconnect is not connected or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "LCD"

#### **4.4.10.15 HWC2002 : "The storage <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **4.4.10.16 HWC2003 : "The storage <name> cable is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "SAS"

#### **4.4.10.17 HWC2004 : "The system board <name> cable or interconnect is connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **4.4.10.18 HWC2005 : "The system board <name> cable or interconnect is not connected, or is improperly connected."**

When event is generated, message will have the following substitutions:

- <name> = "TFT"

#### **4.4.10.19 HWC2006 : "The <name> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **4.4.10.20 HWC2007 : "The <name> is installed correctly."**

When event is generated, message will have the following substitutions:

- <name> = "DRAC"

#### **4.4.10.21 HWC2008 : "A fabric mismatch detected for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **4.4.10.22 HWC2009 : "Mezzanine card <number> is installed correctly."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

#### **4.4.10.23 HWC2010 : "The riser board cable or interconnect is connected."**

#### **4.4.10.24 HWC2011 : "The riser board cable or interconnect is not connected, or is improperly connected."**

#### **4.4.10.25 HWC2012 : "A fabric mismatch detected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **4.4.10.26 HWC2013 : "Fabric mismatch corrected on fabric <name> with server in slot <number>."**

When event is generated, message will have the following substitutions:

- <name> = "B"
- <number> = "1"

#### **4.4.10.27 HWC2014 : "A hardware misconfiguration detected on <name>."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **4.4.10.28 HWC2015 : "The <name> is configured correctly."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **4.4.10.29 HWC3000 : "The <name> is removed."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **4.4.10.30 HWC3001 : "The <name> is inserted."**

When event is generated, message will have the following substitutions:

- <name> = "IOM"

#### **4.4.10.31 HWC3006 : "Unable to QuickDeploy server in slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = "1"

#### **4.4.10.32 HWC4000 : "A hardware incompatibility detected between BMC/iDRAC firmware and CPU."**

#### **4.4.10.33 HWC4001 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU."**

#### **4.4.10.34 HWC4002 : "A hardware incompatibility detected between BMC/iDRAC firmware and other hardware."**

#### **4.4.10.35 HWC4003 : "A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware."**

#### **4.4.10.36 HWC4010 : "Hardware successfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **4.4.10.37 HWC4011 : "Hardware unsuccessfully updated for mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **4.4.10.38 HWC4014 : "Link Tuning data successfully updated."**

#### **4.4.10.39 HWC4015 : "Link Tuning error detected."**

#### **4.4.10.40 HWC4016 : "Hardware incompatibility detected with mezzanine card <number>."**

When event is generated, message will have the following substitutions:

- <number> = "C2"

#### **4.4.10.41 HWC4017 : "A hardware incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server "
- <first component location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

**4.4.10.42 HWC4018 : "A hardware incompatibility was corrected between <first component name><first component location location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "Server"
- <first component location location> = " in slot 1"
- <second component name> = " PSU"
- <second component location> = " in slot 1"

**4.4.10.43 HWC5035 : "An over-temperature event detected on I/O module <number>."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

**4.4.10.44 HWC5037 : "I/O module <number> failed to boot."**

When event is generated, message will have the following substitutions:

- <number> = "A1"

**4.4.10.45 HWC8004 : "The SD card device sensor has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.46 HWC8005 : "The SD card device has returned to normal state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.47 HWC8006 : "The SD card device state has changed to a warning state. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.48 HWC8007 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:



- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.49 HWC8008 : "The SD card has failed. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.50 HWC8009 : "SD card device sensor value unknown. SD card location: <location>, SD card device type: <type>, SD card state: <state>."**

When event is generated, message will have the following substitutions:

- <location> = "Main System Chassis"
- <type> = " vFlash"
- <state> = " NULL"

**4.4.10.51 HWC8501 : "Unable to complete the operation because of an issue with the I/O panel cable."**

**4.4.10.52 HWC8502 : "The I/O panel cable is connected."**

**4.4.10.53 HWC8503 : "Communication to the control panel has been restored."**

**4.4.10.54 HWC8504 : "The Chassis Management Controller (CMC) cannot communicate with the control panel."**

**4.4.10.55 HWC8506 : "Unable to synchronize control panel firmware due to internal error."**

**4.4.10.56 HWC8507 : "The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used."**

**4.4.10.57 HWC8508 : "A device causing an issue in the I/O panel USB port is removed."**

**4.4.10.58 HWC8509 : "One or more PCIe switch heatsinks are not properly attached."**

**4.4.10.59 HWC8510 : "The heat sinks of the PCIe switches are properly attached."**

#### **4.4.11 Subcategory= IO Virtualization [MessageID prefix =IOV]**

**4.4.11.1 IOV104 : "The Chassis Management Controller (CMC) is unable to allocate <number of Watt> Watt for server-<server slot number> PCIe adapters."**

When event is generated, message will have the following substitutions:

- <number of Watt> = ""

**4.4.11.2 IOV105 : "Unable to manage PCIe adapter <device name> located in <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.4.11.3 IOV106 : "Unable to power on PCIe adapter <device name> in <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.4.11.4 IOV107 : "PCIe adapter <device name> in slot <slot number> was removed while powered on."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.4.11.5 IOV108 : "Power fault detected on PCIe adapter <device name> in <slot type> <slot number>."**

When event is generated, message will have the following substitutions:

- <device name> = ""

**4.4.11.6 IOV109 : "An error condition associated with the PCIe slot is cleared."**

**4.4.11.7 IOV110 : "Successfully updated Chassis Infrastructure firmware."**

**4.4.11.8 IOV111 : "Unable to update Chassis Infrastructure firmware."**

**4.4.11.9 IOV112 : "Chassis Infrastructure firmware is not valid."**

**4.4.11.10 IOV113 : "Chassis Infrastructure firmware re-installation is successful."**

**4.4.11.11 IOV116 : "PCIe AUX power cable <cable number>.was disconnected while powered on."**

When event is generated, message will have the following substitutions:

- <cable number> = ""

**4.4.11.12 IOV118 : "Fabric <fabric ID> is down."**

When event is generated, message will have the following substitutions:

- <fabric ID> = ""

**4.4.11.13 IOV2004 : "An issue is detected in the PCIe adapter that was turned on in PCIe slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.11.14 IOV2005 :** "The Chassis Management Controller (CMC) detected an issue in the 3.3 Volt Regulator of the PCIe module present in PCIe slot <slot number>."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.11.15 IOV2006 :** "The power-related issue of the PCIe device in slot <slot number> is resolved."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.11.16 IOV2007 :** "The 3.3 Volt Regulator power related issue on the PCIe carrier present in PCIe slot <slot number> is resolved."

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.11.17 IOV2008 :** "The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem."

## **4.4.12 Subcategory= Link Status [MessageID prefix =LNK]**

**4.4.12.1 LNK0002 :** "Unable to resolve host name."

**4.4.12.2 LNK0003 :** "Unable to connect to the DNS server."

**4.4.12.3 LNK0004 :** "Unable to connect to FTP server."

**4.4.12.4 LNK0005 :** "Unable to connect to DHCP server."

**4.4.12.5 LNK8500 :** "Unable to connect the server in slot <slot id> to the IOM in slot <IOM slot id> port <IOM port id>, because the IOM port is down."

When event is generated, message will have the following substitutions:

- <slot id> = ""

**4.4.12.6 LNK8501 :** "The network connection of server in slot <slot id> IOM in slot <IOM slot id> port <IOM port id> is restarted."

When event is generated, message will have the following substitutions:

- <slot id> = ""

## **4.4.13 Subcategory= Log event [MessageID prefix =LOG]**

**4.4.13.1 LOG321 :** "The log status is unknown. Log type: <log type>."

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **4.4.13.2 LOG322 : "The log size is no longer near the maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **4.4.13.3 LOG323 : "The log size is near maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **4.4.13.4 LOG324 : "The log size has reached its maximum capacity. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

#### **4.4.13.5 LOG325 : "Unable to receive any log entries. Log type: <log type>."**

When event is generated, message will have the following substitutions:

- <log type> = "Command"

### **4.4.14 Subcategory= Memory [MessageID prefix =MEM]**

#### **4.4.14.1 MEM0000 : "Persistent correctable memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.2 MEM0001 : "Multi-bit memory errors detected on a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.3 MEM0002 : "Parity memory errors detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.4 MEM0003 : "Stuck bit memory error detected on a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.5 MEM0004 : "Memory device at location <location> is disabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.6 MEM0005 : "Persistent correctable memory error limit reached for a memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.7 MEM0006 : "Memory device at location <location> is present."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.8 MEM0007 : "Unsupported memory configuration; check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.9 MEM0008 : "Memory device at location <location> is spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.10 MEM0009 : "Memory device at location <location> is throttled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.11 MEM0010 : "Memory device at location <location> is overheating."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.12 MEM0016 : "Memory device at location(s) <location> is operating correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.13 MEM0020 : "Memory device at location <location> is enabled."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.14 MEM0021 : "Persistent correctable memory error limit reset for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.15 MEM0022 : "Memory device at location <location> is absent."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.16 MEM0024 : "Memory device at location <location> is no longer spare memory."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.17 MEM0600 : "Memory device was added at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.18 MEM0601 : "Memory device is removed from location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.19 MEM0700 : "The persistent correctable memory error rate is at normal levels for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.20 MEM0701 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.21 MEM0702 : "Correctable memory error rate exceeded for <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.22 MEM1000 : "Memory device at location <location> transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.23 MEM1001 : "Memory device at location <location> failed to transition to a running state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.24 MEM1002 : "Memory device at location <location> is in test."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.25 MEM1003 : "Memory device at location <location> failed to transition to in test."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.26 MEM1004 : "Memory device at location <location> is powered off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.27 MEM1005 : "Memory device at location <location> failed to power off."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.28 MEM1006 : "Memory device at location <location> is online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.29 MEM1007 : "Memory device at location <location> failed to transition to online."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.30 MEM1008 : "Memory device at location <location> is offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.31 MEM1009 : "Memory device at location <location> failed to transition to offline."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.32 MEM1010 : "Memory device at location <location> is off-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.33 MEM1011 : "Memory device at location <location> is on-duty."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.34 MEM1012 : "Memory device at location <location> is in a degraded state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.35 MEM1013 : "Memory device at location <location> is in a full state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.36 MEM1014 : "Memory device at location <location> is in a power save state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.37 MEM1015 : "Memory device at location <location> is in a power active state."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.38 MEM1016 : "Memory device at location <location> is not installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.39 MEM1017 : "Memory device at location <location> is installed correctly."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.40 MEM1200 : "Memory RAID is redundant."**

#### **4.4.14.41 MEM1201 : "Memory RAID redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

#### **4.4.14.42 MEM1202 : "Memory RAID redundancy is degraded. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:



- <location> = "DIMM1"

**4.4.14.43 MEM1203 : "Memory is not redundant."**

**4.4.14.44 MEM1204 : "Memory mirror is redundant."**

**4.4.14.45 MEM1205 : "Memory mirror redundancy is lost. Check memory device at location(s) <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.46 MEM1206 : "Memory mirror redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.47 MEM1207 : "Memory spare is redundant."**

**4.4.14.48 MEM1208 : "Memory spare redundancy is lost. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.49 MEM1209 : "Memory spare redundancy is degraded. Check memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.50 MEM1210 : "Memory is redundant."**

**4.4.14.51 MEM1212 : "Memory redundancy is lost."**

**4.4.14.52 MEM1214 : "Memory redundancy is degraded."**

**4.4.14.53 MEM6000 : "Memory device monitoring is disabled."**

**4.4.14.54 MEM6001 : "Memory device status is unknown. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = "Single bit error logging disabled"

**4.4.14.55 MEM6002 : "Memory device status is normal. Memory device location: <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"

**4.4.14.56 MEM6003 : "Memory device status is non-critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**4.4.14.57 MEM6004 : "Memory device status is critical. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**4.4.14.58 MEM6005 : "Memory device has failed. Memory device location: <location>, Possible memory module event cause: <cause>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM\_A1"
- <cause> = " Single bit error logging disabled"

**4.4.14.59 MEM7000 : "The memory riser mismatch was corrected."**

**4.4.14.60 MEM7002 : "A hardware mismatch detected for memory riser."**

**4.4.14.61 MEM8000 : "Correctable memory error logging disabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.62 MEM8001 : "Persistent correctable memory error logging enabled for a memory device at location <location>."**

When event is generated, message will have the following substitutions:

- <location> = "DIMM1"

**4.4.14.63 MEM9000 : "Memory interconnect degraded."**

**4.4.14.64 MEM9001 : "Memory interconnect is functioning normally."**

**4.4.14.65 MEM9002 : "Intel QPI interconnect <QPI link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **4.4.14.66 MEM9003 : "Intel SMI 2 Memory interconnect <link number> has a correctable error."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **4.4.14.67 MEM9004 : "Intel QPI interconnect <QPI link number> has degraded."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **4.4.14.68 MEM9005 : "Intel SMI 2 Memory interconnect <link number> has degraded."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **4.4.14.69 MEM9006 : "Intel QPI interconnect <QPI link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <QPI link number> = "1"

#### **4.4.14.70 MEM9007 : "Intel SMI 2 Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

#### **4.4.14.71 MEM9008 : "Intel DDR Memory interconnect <link number> has a non-recoverable issue."**

When event is generated, message will have the following substitutions:

- <link number> = "1"

### **4.4.15 Subcategory= NIC Config [MessageID prefix =NIC]**

#### **4.4.15.1 NIC100 : "The NIC <Controller> Port <Port> network link is down."**

When event is generated, message will have the following substitutions:

- <Controller> = "Integrated 1"
- <Port> = " 1"

#### **4.4.15.2 NIC101 : "The NIC <controller ID> Port <port ID> network link is started."**

When event is generated, message will have the following substitutions:

- <controller ID> = "Integrated 1"
- <port ID> = " 1"

#### **4.4.16 Subcategory= OS Event [MessageID prefix =OSE]**

**4.4.16.1 OSE0000 :** "A critical stop occurred during OS load."

**4.4.16.2 OSE0001 :** "A runtime critical stop occurred."

**4.4.16.3 OSE0002 :** "An OS graceful stop occurred."

**4.4.16.4 OSE0003 :** "An OS graceful shut-down occurred."

**4.4.16.5 OSE0004 :** "A soft shut-down initiated by platform event filter."

**4.4.16.6 OSE0005 :** "Agent is not responding."

**4.4.16.7 OSE1000 :** "A: boot completed."

**4.4.16.8 OSE1001 :** "Failed to boot from A."

**4.4.16.9 OSE1002 :** "C: boot completed."

**4.4.16.10 OSE1003 :** "Failed to boot from C."

**4.4.16.11 OSE1004 :** "PXE boot completed."

**4.4.16.12 OSE1005 :** "PXE boot failed."

#### **4.4.17 Subcategory= PCI Device [MessageID prefix =PCI]**

**4.4.17.1 PCI1302 :** "A bus time-out was detected on a component at bus <bus> device <device> function <func>."

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.2 PCI1304 :** "An I/O channel check error was detected."

**4.4.17.3 PCI1306 :** "A software error was detected on a component at bus <bus> device <device> function <func>."

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.4 PCI1308 : "A PCI parity error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.5 PCI1310 : "A PCI system error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.6 PCI1314 : "A bus correctable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.7 PCI1316 : "A bus uncorrectable error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.8 PCI1318 : "A fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.9 PCI1319 : "A high-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**4.4.17.10 PCI1320 : "A bus fatal error was detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.11 PCI1321 : "A high-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**4.4.17.12 PCI1322 : "Bus performance degraded for a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.13 PCI1342 : "A bus time-out was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.14 PCI1344 : "An I/O channel check error was detected."**

**4.4.17.15 PCI1346 : "A software error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.16 PCI1348 : "A PCI parity error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.17 PCI1350 : "A PCI system error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.18 PCI1354 : "A bus correctable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.19 PCI1356 : "A bus uncorrectable error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.20 PCI1358 : "A fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.21 PCI1360 : "A bus fatal error was detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.22 PCI1362 : "Bus performance degraded for a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.23 PCI2000 : "A fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.24 PCI2001 : "The component at bus <bus> device <device> function <func> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.25 PCI2002 : "A fatal IO error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.26 PCI2003 : "The component at slot <number> recovered from a fatal IO error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.27 PCI3000 : "Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress."**

**4.4.17.28 PCI3001 : "Device option ROM on embedded NIC was successfully updated."**

**4.4.17.29 PCI3002 : "Failed to program virtual MAC address on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.30 PCI3003 : "Virtual MAC address for component at bus <bus> device <device> function <func> was successfully programed."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.31 PCI3004 : "Device option ROM on mezzanine card <number> failed to support Link Tuning or FlexAddress."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**4.4.17.32 PCI3005 : "Device option ROM on mezzanine card <number> was successfully updated."**

When event is generated, message will have the following substitutions:

- <number> = "B1"

**4.4.17.33 PCI3006 : "Failed to get Link Tuning or FlexAddress data from iDRAC."**

**4.4.17.34 PCI3007 : "Link Tuning or FlexAddress data successfully obtained."**

**4.4.17.35 PCI3008 : "A non-fatal PCIe error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.36 PCI3009 : "PCIe is operating normally on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:



- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.37 PCI3010 : "A non-fatal IO error detected on a component at bus <bus> device <device> function <func>."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.38 PCI3011 : "The component at bus <bus> device <device> function <func> recovered from a non-fatal IO error."**

When event is generated, message will have the following substitutions:

- <bus> = "1"
- <device> = "1"
- <func> = "1"

**4.4.17.39 PCI3012 : "The QuickPath Interconnect (QPI) width degraded."**

**4.4.17.40 PCI3013 : "The QuickPath Interconnect (QPI) width regained."**

**4.4.17.41 PCI3014 : "A non-fatal PCIe error detected on a component at slot <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.42 PCI3015 : "The component at slot <number> recovered from a non-fatal PCIe error."**

When event is generated, message will have the following substitutions:

- <number> = "1"

**4.4.17.43 PCI3016 : "Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress."**

**4.4.17.44 PCI3017 : "Device option ROM on mezzanine card was successfully updated."**

**4.4.17.45 PCI3018 : "New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards."**

**4.4.17.46 PCI3019 : "A low-severity issue is detected in the SSD bay <bay id>, Slot <slot id>."**

When event is generated, message will have the following substitutions:

- <bay id> = "1"
- <slot id> = "1"

**4.4.17.47 PCI3020 : "A low-severity issue is detected in a component of the bus <bus ID>, device 0, function <function ID>."**

When event is generated, message will have the following substitutions:

- <bus ID> = "1"
- <function ID> = "1"

**4.4.17.48 PCI5004 : "A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.17.49 PCI5005 : "An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.17.50 PCI5006 : "The power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.17.51 PCI5007 : "The auxiliary power-related issue of the PCIe adapter in slot<slot number> is resolved."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.17.52 PCI5008 : "The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board."**

**4.4.18 Subcategory= Physical Disk [MessageID prefix =PDR]**

**4.4.18.1 PDR1000 : "Drive <number> is installed in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

**4.4.18.2 PDR1001 : "Fault detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.3 PDR1002 : "A predictive failure detected on drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.4 PDR1016 : "Drive <number> is removed from disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.5 PDR1017 : "Drive <number> in disk drive bay <bay> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.6 PDR1024 : "Drive mismatch detected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.7 PDR1025 : "Drive mismatch corrected for drive <number> in disk drive bay <bay>."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <bay> = "0"

#### **4.4.18.8 PDR1100 : "Drive <number> is installed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.18.9 PDR1101 : "Fault detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.18.10 PDR1102 : "A predictive failure detected on drive <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.18.11 PDR1116 : "Drive <number> is removed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.18.12 PDR1117 : "Drive <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

### **4.4.19 Subcategory= System Performance Event [MessageID prefix =PFM]**

#### **4.4.19.1 PFM0001 : "The value of <sensor name> is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **4.4.19.2 PFM0002 : "The value of <sensor name> is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **4.4.19.3 PFM0003 : "The value of <sensor name> is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **4.4.19.4 PFM0004 : "The value of <sensor name> is within specified limits."**

When event is generated, message will have the following substitutions:

- <sensor name> = "CPU Usage"

#### **4.4.20 Subcategory= BIOS POST [MessageID prefix =PST]**

**4.4.20.1 PST0000 : "Unrecognized Post Code."**

**4.4.20.2 PST0001 : "System Power On."**

**4.4.20.3 PST0002 : "CPU Microcode load."**

**4.4.20.4 PST0003 : "Chipset Initialization."**

**4.4.20.5 PST0004 : "Memory Configuration."**

**4.4.20.6 PST0005 : "Shadow BIOS."**

**4.4.20.7 PST0006 : "Multiprocessor Initialization."**

**4.4.20.8 PST0007 : "POST processing start."**

**4.4.20.9 PST0008 : "System Management Mode (SMM)initialization."**

**4.4.20.10 PST0009 : "PCI bus enumeration & video initialization."**

**4.4.20.11 PST0010 : "iDRAC is ready."**

**4.4.20.12 PST0011 : "Extended Memory test started."**

**4.4.20.13 PST0012 : "Extended Memory test running \"**

**4.4.20.14 PST0013 : "Extended Memory test running /"**

**4.4.20.15 PST0014 : "Extended Memory test completed."**

**4.4.20.16 PST0064 : "Display sign-on."**

**4.4.20.17 PST0065 : "PCI configuration."**

**4.4.20.18 PST0080 : "An issue was detected. System at boot F1/F2 prompt. Requires entry to continue."**

**4.4.20.19 PST0081 : "No bootable devices."**

**4.4.20.20 PST0082 : "In BIOS Setup Menu."**

**4.4.20.21 PST0083 : "In BIOS Boot Menu."**

**4.4.20.22 PST0084 : "Automated Task application."**

**4.4.20.23 PST0085 : "Performing CSIOR."**

**4.4.20.24 PST0086 : "In Lifecycle Controller."**

**4.4.20.25 PST0087 : "Initializing iDRAC."**

**4.4.20.26 PST0088 : "Preparing to Boot."**

**4.4.20.27 PST0089 : "A problem was detected during Power-On Self-Test (POST)."**

**4.4.20.28 PST0090 : "A problem was detected related to the previous server boot."**

- <number> = "1"

#### **4.4.21.2 PSU0001 : "Power supply <number> failed."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.3 PSU0002 : "A predictive failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.4 PSU0003 : "The power input for power supply <number> is lost."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.5 PSU0004 : "The power input for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.6 PSU0005 : "The power input for power supply <number> is outside of the allowable range, but it is attached to the system."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.7 PSU0006 : "Power supply <number> is incorrectly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.8 PSU0017 : "Power supply <number> is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.9 PSU0019 : "The input power for power supply <number> has been restored."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.10 PSU0022 : "Power supply <number> is correctly configured."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.11 PSU0031 : "Cannot communicate with power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.12 PSU0032 : "The temperature for power supply <number> is in a warning range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.13 PSU0033 : "The temperature for power supply <number> is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.14 PSU0034 : "An under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.15 PSU0035 : "An over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.16 PSU0036 : "An over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.17 PSU0037 : "Fan failure detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.18 PSU0038 : "Power supply <number> fan is operating normally."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.19 PSU0039 : "An under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.20 PSU0040 : "An output under voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.21 PSU0041 : "An output over voltage fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.22 PSU0042 : "An output over current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.23 PSU0043 : "An output under current fault detected on power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.24 PSU0044 : "Cannot obtain status information from power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.25 PSU0045 : "Power supply <number> status information successfully obtained."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.26 PSU0046 : "Communication has been restored to power supply <number>."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.27 PSU0076 : "A power supply wattage mismatch is detected; power supply <number> is rated for <value> watts."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <value> = "500"

#### **4.4.21.28 PSU0077 : "Power supply <number> vendor type mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.29 PSU0078 : "Power supply <number> revision mismatch detected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.30 PSU0080 : "Power supply <number> voltage rating does not match the systems requirements."**

When event is generated, message will have the following substitutions:

- <number> = "1"



#### **4.4.21.31 PSU0090 : "Power supply <number> wattage mismatch corrected."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.21.32 PSU0091 : "Power supply unit <PSU number> rating exceeds the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **4.4.21.33 PSU0092 : "Power supply unit <PSU number> rating is appropriate for the system power distribution limits."**

When event is generated, message will have the following substitutions:

- <PSU number> = "1"

#### **4.4.21.34 PSU100 : "Power supply <power supply unit> is offline."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **4.4.21.35 PSU101 : "Power supply <power supply unit> is not present."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **4.4.21.36 PSU102 : "Power supply <power supply unit> status is unknown."**

When event is generated, message will have the following substitutions:

- <power supply unit> = "PS1"

#### **4.4.21.37 PSU0802 : "The power supply redundancy policy on the system has been set."**

### **4.4.22 Subcategory= PSU Absent [MessageID prefix =PSUA]**

#### **4.4.22.1 PSUA0016 : "Power supply <number> is absent."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.23 Subcategory= Power Usage [MessageID prefix =PWR]**

**4.4.23.1 PWR200 :** "Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature."

**4.4.23.2 PWR201 :** "Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode. Do you want to continue?"

**4.4.23.3 PWR202 :** "Enabling the Max Power Conservation Mode (MPCM) feature forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers."

**4.4.23.4 PWR203 :** "Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled."

**4.4.23.5 PWR204 :** "Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature."

**4.4.23.6 PWR205 :** "The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled."

**4.4.23.7 PWR206 :** "The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled."

**4.4.23.8 PWR207 :** "The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled."

**4.4.23.9 PWR209 :** "Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**4.4.23.10 PWR210 :** "The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled."

**4.4.23.11 PWR211 :** "Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled."

**4.4.23.12 PWR213 :** "Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled."

**4.4.23.13 PWR214 :** "Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled."

**4.4.23.14 PWR216 :** "Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy."

**4.4.23.15 PWR218 :** "Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled."

**4.4.23.16 PWR219 :** "The Extended Power Performance (EPP) feature cannot be enabled

**because the PSU in slot <slot number> is not a 3000 W PSU."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.4.23.17 PWR220 : "The Extended Power Performance (EPP) feature cannot be enabled because slot <slot number> is empty."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

- 4.4.23.18 PWR221 :** "The Extended Power Performance (EPP) feature is already disabled."
- 4.4.23.19 PWR222 :** "The Extended Power Performance (EPP) feature is already enabled."
- 4.4.23.20 PWR223 :** "Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled."
- 4.4.23.21 PWR1000 :** "The system performance restored."
- 4.4.23.22 PWR1001 :** "The system performance degraded."
- 4.4.23.23 PWR1002 :** "The system performance degraded because of thermal protection."
- 4.4.23.24 PWR1003 :** "The system performance degraded because cooling capacity has changed."
- 4.4.23.25 PWR1004 :** "The system performance degraded because power capacity has changed."
- 4.4.23.26 PWR1005 :** "The system performance degraded because of user-defined power capacity has changed."
- 4.4.23.27 PWR1006 :** "The system halted because system power exceeds capacity."
- 4.4.23.28 PWR1007 :** "The system performance degraded because power exceeds capacity."
- 4.4.23.29 PWR1008 :** "The system performance degraded because power draw exceeds the power threshold."
- 4.4.23.30 PWR1009 :** "System power capacity is restored."
- 4.4.23.31 PWR2400 :** "Power management firmware unable to maintain power limit"
- 4.4.23.32 PWR2401 :** "Power management firmware initialization error"
- 4.4.23.33 PWR2402 :** "iDRAC is unable to communicate with power management firmware."
- 4.4.23.34 PWR2403 :** "iDRAC communication with power management firmware has been restored."
- 4.4.23.35 PWR3000 :** "The system is being shut down for thermal protection."
- 4.4.23.36 PWR3001 :** "Detected new peak power value. Peak value (in Watts): <peak value>."

When event is generated, message will have the following substitutions:

- <peak value> = "100"

4.4.23.37 PWR8557 : "The System Input Power Cap is too low to be enforced using the current Power Supply configuration."

4.4.23.38 PWR8558 : "The System Input Power Cap is being enforced with the current Power Supply configuration."

#### 4.4.24 Subcategory= RAC Event [MessageID prefix =RAC]

4.4.24.1 RAC0560 : "RAC Software Initialization Error"

4.4.24.2 RAC0561 : "iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots."

4.4.24.3 RAC0562 : "iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots."

4.4.24.4 RAC0728 : "The Quick Sync communication is no longer functioning."

4.4.24.5 RAC1034 : "This action will ungracefully turn off the server."

#### 4.4.25 Subcategory= Redundancy [MessageID prefix =RDU]

4.4.25.1 RDU0001 : "The fans are redundant."

4.4.25.2 RDU0002 : "Fan redundancy is lost."

4.4.25.3 RDU0003 : "Fan redundancy is degraded."

4.4.25.4 RDU0004 : "The fans are not redundant."

4.4.25.5 RDU0005 : "The fans are not redundant. Insufficient resources to maintain normal operations."

4.4.25.6 RDU0011 : "The power supplies are redundant."

4.4.25.7 RDU0012 : "Power supply redundancy is lost."

4.4.25.8 RDU0013 : "Power supply redundancy is degraded."

4.4.25.9 RDU0014 : "The power supplies are not redundant."

4.4.25.10 RDU0015 : "The power supplies are not redundant. Insufficient resources to maintain normal operations."

4.4.25.11 RDU0016 : "The storage voltage is redundant."

4.4.25.12 RDU0017 : "The storage power redundancy is no longer available."

4.4.25.13 RDU0018 : "The storage power redundancy is degraded."

4.4.25.14 RDU0019 : "The storage voltage is not redundant."

4.4.25.15 RDU0020 : "Power supply redundancy is disabled."

4.4.25.16 RDU0021 : "Unable to determine the redundancy status of the power supply units."

4.4.25.17 RDU0022 : "Fan redundancy is disabled."

4.4.25.18 RDU0023 : "Unable to determine the redundancy status of the fans "

- <name> = "12v"

#### **4.4.25.20 RDU0031 : "The <name> voltage redundancy is lost."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **4.4.25.21 RDU0032 : "The <name> voltage redundancy is degraded."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

#### **4.4.25.22 RDU0033 : "The <name> voltage is not redundant."**

When event is generated, message will have the following substitutions:

- <name> = "12v"

### **4.4.26 Subcategory= IDS DM Media [MessageID prefix =RFL]**

#### **4.4.26.1 RFL2000 : "Internal Dual SD Module <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.2 RFL2002 : "Internal Dual SD Module <name> is offline."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.3 RFL2003 : "Internal Dual SD Module <name> is online."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.4 RFL2004 : "Failure detected on Internal Dual SD Module <name>."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.5 RFL2005 : "Internal Dual SD Module <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.6 RFL2006 : "Internal Dual SD Module <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.7 RFL2007 : "Internal Dual SD Module <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.8 RFL2008 : "Internal Dual SD Module <name> is disabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD1"

#### **4.4.26.9 RFL2009 : "Internal Dual SD Module <name> is enabled."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"

### **4.4.27 Subcategory= IDSDM Absent [MessageID prefix =RFLA]**

#### **4.4.27.1 RFLA2001 : "Internal Dual SD Module <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "SD2"

#### **4.4.28 Subcategory= IDS DM Redundancy [MessageID prefix =RRDU]**

**4.4.28.1 RRDU0001 :** "Internal Dual SD Module is redundant."

**4.4.28.2 RRDU0002 :** "Internal Dual SD Module redundancy is lost."

**4.4.28.3 RRDU0003 :** "Internal Dual SD Module redundancy is degraded."

**4.4.28.4 RRDU0004 :** "Internal Dual SD Module is not redundant."

**4.4.28.5 RRDU0006 :** "Internal Dual SD Module rebuild initiated."

**4.4.28.6 RRDU0007 :** "Internal Dual SD Module rebuild completed successfully."

**4.4.28.7 RRDU0008 :** "Internal Dual SD Module rebuild did not complete successfully."

**4.4.28.8 RRDU0010 :** "Internal SD Module redundancy is disabled."

**4.4.28.9 RRDU0011 :** "Unable to determine the redundancy status of the Internal SD Module."

#### **4.4.29 Subcategory= Security Event [MessageID prefix =SEC]**

**4.4.29.1 SEC0000 :** "The chassis is open."

**4.4.29.2 SEC0016 :** "The chassis is closed."

**4.4.29.3 SEC0031 :** "The chassis is open while the power is on."

**4.4.29.4 SEC0032 :** "The chassis is closed while the power is on."

**4.4.29.5 SEC0033 :** "The chassis is open while the power is off."

**4.4.29.6 SEC0034 :** "The chassis is closed while the power is off."

**4.4.29.7 SEC0040 :** "A critical stop occurred during OS load."

**4.4.29.8 SEC0041 :** "BIOS is unable to configure the Intel Trusted Execution Technology (TXT)."

**4.4.29.9 SEC0042 :** "Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation."

**4.4.29.10 SEC0043 :** "BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST."

**4.4.29.11 SEC0044 :** "SINIT Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem at boot."

**4.4.29.12 SEC0045 :** "Intel Trusted Execution Technology (TXT) is operating correctly."

**4.4.29.13 SEC0051 :** "Unable to determine the redundancy status of the chassis intrusion



sensor."

**4.4.29.14 SEC0052 :** "Chassis intrusion sensor may have failed."

**4.4.29.15 SEC0612 :** "The default username and password is currently in use. It is recommended to immediately change the default credentials."

**4.4.29.16 SEC0613 :** "The default username and password is changed."

#### **4.4.30 Subcategory= Sys Event Log [MessageID prefix =SEL]**

**4.4.30.1 SEL0004 :** "Log cleared."

**4.4.30.2 SEL0006 :** "All event logging is disabled."

**4.4.30.3 SEL0008 :** "System event log (SEL) is full."

**4.4.30.4 SEL0010 :** "System event log (SEL) is almost full."

**4.4.30.5 SEL0012 :** "Could not create or initialize the system event log."

**4.4.30.6 SEL0013 :** "The system event log was created or initialized successfully."

**4.4.30.7 SEL0014 :** "The System Event Log (SEL) was cleared by <username> from <IP address>."

When event is generated, message will have the following substitutions:

- <username> = "root"
- <IP address> = "192.168.1.1"

**4.4.30.8 SEL1204 :** "An unknown system hardware failure detected."

**4.4.30.9 SEL1205 :** "The unknown system hardware failure was corrected."

#### **4.4.31 Subcategory= Software Config [MessageID prefix =SWC]**

**4.4.31.1 SWC4010 :** "<network device name>< network device location> in Server-<server location> requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions."

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card, A1, 1"

**4.4.31.2 SWC4011 :** "A firmware or software incompatibility is automatically corrected between the <network device name><network device location> in Server-<server location> and the Chassis Management Controller (CMC)."

When event is generated, message will have the following substitutions:

- <network device name> = "Mezzanine card"

- <network device location> = " A1"
- <server location> = " 1"

**4.4.31.3 SWC4012 : "A firmware or software incompatibility is detected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"
- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**4.4.31.4 SWC4013 : "A firmware or software incompatibility was corrected between <first component name><first component location> and <second component name><second component location>."**

When event is generated, message will have the following substitutions:

- <first component name> = "iDRAC"
- <first component location> = " in slot 1"
- <second component name> = " BIOS"
- <second component location> = " in slot 1"

**4.4.31.5 SWC5003 :** "System Controller (SC) has either stopped functioning or is updating a firmware version."

**4.4.31.6 SWC5004 :** "System Controller (SC) has restarted functioning."

#### **4.4.32 Subcategory= System Info [MessageID prefix =SYS]**

**4.4.32.1 SYS083 :** "Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed."

**4.4.32.2 SYS084 :** "Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed."

**4.4.32.3 SYS085 :** "Successfully exported the ePSA Diagnostics results."

**4.4.32.4 SYS086 :** "Unable to copy the ePSA Diagnostics results file to the network share."

**4.4.32.5 SYS092 :** "The iDRAC is collecting information about the server for a Tech Support Report."

**4.4.32.6 SYS093 :** "The iDRAC is exporting the Tech Support Report."

**4.4.32.7 SYS094 :** "The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server."

**4.4.32.8 SYS095 :** "Unable to unmount an iDRAC internal storage partition."

**4.4.32.9 SYS096 :** "Required ePSA Diagnostics binary does not exist."

**4.4.32.10 SYS098 :** "A Remote Diagnostic (ePSA) job already exists."

**4.4.32.11 SYS099 :** "Unable to export the diagnostics results because the results do not exist."

**4.4.32.12 SYS105 :** "Unable to process the event: <event> Date and time of event: <date time>."

When event is generated, message will have the following substitutions:

- <event> = "OEM software event"
- <date time> = "Tue Jan 08 10:56:54 2013"

**4.4.32.13 SYS114 :** "The IPMI status for the interface: <interface>, Baseboard Management Controller (BMC): <BMC>, Sensor Data Records (SDR): <SDR>, System Event Log (SEL): <SEL>."

When event is generated, message will have the following substitutions:

- <interface> = "OS"
- <BMC> = " present"

- <SDR> = " present"
- <SEL> = " present"

4.4.32.14 SYS115 : "The power cord sensor is non-functional."

4.4.32.15 SYS116 : "Unable to determine the status of the power cord."

4.4.32.16 SYS117 : "The input power supply is restored."

4.4.32.17 SYS118 : "The input power supply is not available."

4.4.32.18 SYS119 : "Unable to expose the OS Collector to the server OS."

4.4.32.19 SYS120 : "Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled."

4.4.32.20 SYS121 : "The operation to collect OS and Application Data was cancelled using iDRAC Web UI."

4.4.32.21 SYS122 : "OS Collector: The operation to collect OS and Application Data is successfully completed."

4.4.32.22 SYS123 : "OS Collector: An unexpected issue has been encountered."

4.4.32.23 SYS124 : "OS Collector: The OS Collector application does not support execution in the OS installed on the server."

4.4.32.24 SYS125 : "OS Collector: Unable to communicate with WMI services."

4.4.32.25 SYS126 : "OS Collector: Unable to collect Application Data."

4.4.32.26 SYS127 : "OS Collector: Unable to collect OS log data"

4.4.32.27 SYS128 : "OS Collector: Unable to generate a zip archive of the OS and Application Data report."

4.4.32.28 SYS129 : "OS Collector: Unable to complete XML transform on the data collected."

4.4.32.29 SYS130 : "OS Collector: Unable to create filename for zip archive."

4.4.32.30 SYS131 : "OS Collector: Unable to communicate with the OS IPMI service."

4.4.32.31 SYS132 : "OS Collector: Unable to communicate with OS Collector IPMI library."

4.4.32.32 SYS133 : "OS Collector: IPMI session error."

4.4.32.33 SYS134 : "OS Collector: Zip archive size exceeded the limit."

4.4.32.34 SYS135 : "OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the applciation successfully."

4.4.32.35 SYS136 : "An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system."

4.4.32.36 SYS137 : "Unable to start the collection of OS and Application Data because the

**Lifecycle Controller is not enabled."**

**4.4.32.37 SYS138 : "Unable to start the collection of OS and Application Data because the server is turned off."**

**4.4.32.38 SYS139 : "Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup."**

**4.4.32.39 SYS140 : "Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS."**

**4.4.32.40 SYS165 : "One or more Tech Support Report data collection options selected did not complete successfully."**

**4.4.32.41 SYS166 : "The collection of OS and Application Data did not start within the allocated time."**

**4.4.32.42 SYS167 : "TTY Log data export did not complete within the allocated time."**

**4.4.32.43 SYS169 : "The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature."**

**4.4.32.44 SYS172 : "A Remote Diagnostic operation has been interrupted."**

**4.4.32.45 SYS173 : "Unable to retrieve the TTY Log because another operation is in progress on the RAID controller."**

**4.4.32.46 SYS174 : "Unable to access network share for exporting Tech Support Report (TSR)."**

**4.4.32.47 SYS177 : "There was an issue retrieving Hardware data."**

**4.4.32.48 SYS178 : "Unable to retrieve TTY log data because no storage controllers are detected in the server."**

**4.4.32.49 SYS179 : "Unable to export TTY log data because the storage controller present in the server does not support the feature."**

**4.4.32.50 SYS180 : "There was an issue encountered when attempted to export TTY Log data for the storage controller <controller name>."**

When event is generated, message will have the following substitutions:

- <controller name> = "ControllerName"

**4.4.32.51 SYS181 :** "Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC."

**4.4.32.52 SYS182 :** "Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress."

**4.4.32.53 SYS183 :** "Unable to allocate memory because of insufficient storage space in iDRAC."

**4.4.32.54 SYS184 :** "Unable to compute the checksum because OS Collector files are not readable."

**4.4.32.55 SYS185 :** "The Tech Support Report job has been cancelled."

**4.4.32.56 SYS186 :** "Unable to start the collection of TTY log data because the server is turned off."

**4.4.32.57 SYS187 :** "Unable to start the collection of TTY log data because the server is in POST and has not finished startup."

### **4.4.33 Subcategory= Temperature [MessageID prefix =TMP]**

**4.4.33.1 TMP0100 :** "The system board <name> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**4.4.33.2 TMP0101 :** "The system board <name> temperature is less than the lower critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**4.4.33.3 TMP0102 :** "The system board <name> temperature is greater than the upper warning threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**4.4.33.4 TMP0103 :** "The system board <name> temperature is greater than the upper critical threshold."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

**4.4.33.5 TMP0104 :** "The system board <name> temperature is outside of range."

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **4.4.33.6 TMP0105 : "The system board <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Inlet"

#### **4.4.33.7 TMP0106 : "The memory module <number> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.8 TMP0107 : "The memory module <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.9 TMP0108 : "The memory module <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.10 TMP0109 : "The memory module <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.11 TMP0110 : "The memory module <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.12 TMP0111 : "The memory module <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.13 TMP0112 : "The <name> temperature is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **4.4.33.14 TMP0113 : "The <name> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:



- <name> = "Planer"

#### **4.4.33.15 TMP0114 : "The <name> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **4.4.33.16 TMP0115 : "The <name> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **4.4.33.17 TMP0116 : "The <name> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

#### **4.4.33.18 TMP0117 : "The <name> temperature is within range."**

When event is generated, message will have the following substitutions:

- <name> = "Planer"

- 4.4.33.19 TMP0118 : "The system inlet temperature is less than the lower warning threshold."
- 4.4.33.20 TMP0119 : "The system inlet temperature is less than the lower critical threshold."
- 4.4.33.21 TMP0120 : "The system inlet temperature is greater than the upper warning threshold."
- 4.4.33.22 TMP0121 : "The system inlet temperature is greater than the upper critical threshold."
- 4.4.33.23 TMP0122 : "The system inlet temperature is outside of range."
- 4.4.33.24 TMP0123 : "The system inlet temperature is within range."
- 4.4.33.25 TMP0124 : "Disk drive bay temperature is less than the lower warning threshold."
- 4.4.33.26 TMP0125 : "Disk drive bay temperature is less than the lower critical threshold."
- 4.4.33.27 TMP0126 : "Disk drive bay temperature is greater than the upper warning threshold."
- 4.4.33.28 TMP0127 : "Disk drive bay temperature is greater than the upper critical threshold."
- 4.4.33.29 TMP0128 : "Disk drive bay temperature is outside of range."
- 4.4.33.30 TMP0129 : "Disk drive bay temperature is within range."
- 4.4.33.31 TMP0130 : "The control panel temperature is less than the lower warning threshold."
- 4.4.33.32 TMP0131 : "The control panel temperature is less than the lower critical threshold."
- 4.4.33.33 TMP0132 : "The control panel temperature is greater than the upper warning threshold."
- 4.4.33.34 TMP0133 : "The control panel temperature is greater than the upper critical threshold."
- 4.4.33.35 TMP0134 : "The control panel temperature is outside of range."
- 4.4.33.36 TMP0135 : "The control panel temperature is within range."
- 4.4.33.37 TMP0136 : "The system is automatically turned off because of insufficient cooling."
- 4.4.33.38 TMP0137 : "The system cooling is working normally."
- 4.4.33.39 TMP0138 : "The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload."
- 4.4.33.40 TMP0200 : "CPU <number> temperature is less than the lower warning threshold."

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.41 TMP0201 : "CPU <number> temperature is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.42 TMP0202 : "CPU <number> temperature is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.43 TMP0203 : "CPU <number> temperature is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.44 TMP0204 : "CPU <number> temperature is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.45 TMP0205 : "CPU <number> temperature is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"

#### **4.4.33.46 TMP0300 : "The Enhanced Cooling Mode feature is enabled."**

#### **4.4.33.47 TMP0301 : "The Enhanced Cooling Mode feature is disabled."**

#### **4.4.33.48 TMP0302 : "Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available."**

#### **4.4.33.49 TMP500 : "The <sensor name> sensor has failed with value the <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

#### **4.4.33.50 TMP501 : "Unable to read the <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"

**4.4.33.51 TMP502 : "The <sensor name> sensor has returned to a normal state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 27"

**4.4.33.52 TMP503 : "The <sensor name> sensor state has changed to a warning state with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**4.4.33.53 TMP504 : "The <sensor name> sensor has detected an error with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

**4.4.33.54 TMP505 : "The <sensor name> sensor has failed with a value of <temperature> degrees Celsius."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <temperature> = " 45"

#### **4.4.34 Subcategory= Temperature Statistics [MessageID prefix =TMPS]**

**4.4.34.1 TMPS0100 :** "Inlet temperature is above warning level for extended duration."

**4.4.34.2 TMPS0101 :** "Inlet temperature is above critical level for extended duration."

**4.4.34.3 TMPS0102 :** "Inlet temperature is above warning level for extended duration."

**4.4.34.4 TMPS0103 :** "Inlet temperature is above critical level for extended duration."

#### **4.4.35 Subcategory= UEFI Event [MessageID prefix =UEFI]**

**4.4.35.1 UEFI0000 :** "CPU Exception Type 0x00: Divide by Zero (Software)."

**4.4.35.2 UEFI0001 :** "CPU Exception Type 0x03: Breakpoint (Software)."

**4.4.35.3 UEFI0002 :** "CPU Exception Type 0x04: Overflow (Software)."

**4.4.35.4 UEFI0003 :** "CPU Exception Type 0x05: BOUND Range Exceeded (Software)."

**4.4.35.5 UEFI0004 :** "CPU Exception Type 0x06: Invalid Opcode (Software)."

**4.4.35.6 UEFI0005 :** "CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware)."

**4.4.35.7 UEFI0006 :** "CPU Exception Type 0x08: Double Fault (Software)."

**4.4.35.8 UEFI0007 :** "CPU Exception Type 0x09: Coprocessor Segment Overrun (Software)."

**4.4.35.9 UEFI0008 :** "CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software)."

**4.4.35.10 UEFI0009 :** "CPU Exception Type 0x0B: Segment Not Present (Software)."

**4.4.35.11 UEFI0010 :** "CPU Exception Type 0x0C: Stack-Segment Fault (Software)."

**4.4.35.12 UEFI0011 :** "CPU Exception Type 0x0D: General Protection (Software)."

**4.4.35.13 UEFI0012 :** "CPU Exception Type 0x0E: Page Fault (Software)."

**4.4.35.14 UEFI0013 :** "CPU Exception Type 0x10: Floating Point Error (Software)."

**4.4.35.15 UEFI0014 :** "CPU Exception Type 0x11: Alignment Check (Software)."

**4.4.35.16 UEFI0015 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."

**4.4.35.17 UEFI0016 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode."

**4.4.35.18 UEFI0017 :** "Lifecycle Controller (LC) firmware was not accessible and is therefore

in Recovery mode."

**4.4.35.19 UEFI0018 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode."

**4.4.35.20 UEFI0019 :** "Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode."

**4.4.35.21 UEFI0022 :** "Unable to initialize Management Engine because the Management Engine is not responding."

**4.4.35.22 UEFI0023 :** "BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding."

**4.4.35.23 UEFI0024 :** "The Management Engine is not responding."

**4.4.35.24 UEFI0025 :** "Unable to initialize Management Engine firmware."

**4.4.35.25 UEFI0026 :** "iDRAC is not responding."

**4.4.35.26 UEFI0028 :** "iDRAC is not responding after a recovery system reset was performed."

**4.4.35.27 UEFI0029 :** "Unable to initialize iDRAC because of some critical issues."

**4.4.35.28 UEFI0031 :** "PCIe downtrain is detected on <device location>. Expected link width: <size> Actual link width: <size>"

When event is generated, message will have the following substitutions:

- <device location> = "Slot 5"
- <size> = "x16"
- <size> = "x8"

**4.4.35.29 UEFI0032 :** "Unable to initialize the TPM chip because the TPM chip is not functioning."

**4.4.35.30 UEFI0034 :** "A CMOS battery loss is detected resulting in an invalid BIOS configuration."

**4.4.35.31 UEFI0036 :** "Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface."

**4.4.35.32 UEFI0037 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI)."

**4.4.35.33 UEFI0038 :** "Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface."

**4.4.35.34 UEFI0039 :** "Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI)."

**4.4.35.35 UEFI0040 :** "The TXT feature is disabled because of an unexpected issue."

**4.4.35.36 UEFI0041 :** "Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor."

**4.4.35.37 UEFI0046 :** "An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted."

**4.4.35.38 UEFI0047 :** "One or more keys in the keyboard is stuck and not functional."

**4.4.35.39 UEFI0048 :** "The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning."

**4.4.35.40 UEFI0049 :** "Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated."

**4.4.35.41 UEFI0052 :** "Unable to complete the rebranding operation because of the issue(s) displayed earlier."

**4.4.35.42 UEFI0055 :** "Unable to complete the debranding operation because of the issue(s) displayed earlier."

**4.4.35.43 UEFI0056 :** "A PCIe error has occurred."

**4.4.35.44 UEFI0057 :** "A Machine-Check Exception (MCE) error has occurred."

**4.4.35.45 UEFI0058 :** "An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning."

**4.4.35.46 UEFI0066 :** "A PCIe link training failure is observed in <PCIe device> and the link is disabled. The system has halted."

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 0 Dev: 0 Func: 18"

**4.4.35.47 UEFI0067 : "A PCIe link training failure is observed in <PCIe device> and device link is disabled."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus: 4 Dev: 0 Func: 0"

**4.4.35.48 UEFI0069 : "A CMOS checksum error has occurred. CMOS is reinitialized."**

**4.4.35.49 UEFI0070 : "One or more correctable PCIe errors have occurred."**

**4.4.35.50 UEFI0076 : "One or more Corrected Machine Check(CMC) errors have occurred."**

**4.4.35.51 UEFI0077 : "One or more PCIe device errors occurred in the previous boot."**

**4.4.35.52 UEFI0078 : "One or more Machine Check errors occurred in the previous boot."**

**4.4.35.53 UEFI0079 : "One or more Uncorrectable Memory errors occurred in the previous boot."**

**4.4.35.54 UEFI0080 : "PCIe link speed is not optimal for <PCIe device>. Expected link speed: Gen <generation number> and actual link speed: Gen <generation number>."**

When event is generated, message will have the following substitutions:

- <PCIe device> = "Bus 4: Dev 0: Func 3"
- <generation number> = "3"
- <generation number> = "2"

**4.4.35.55 UEFI0082 : "The system was reset due to a timeout from the watchdog timer."**

**4.4.35.56 UEFI0083 : "One or more PCI System errors (SERR) have occurred."**

**4.4.35.57 UEFI0084 : "One or more PCI Parity errors (PERR) have occurred."**

**4.4.35.58 UEFI0085 : "One or more chipset errors have occurred."**

**4.4.35.59 UEFI0098 : "The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: <slot number>. As a result, the corresponding DIMM has been disabled."**

When event is generated, message will have the following substitutions:

- <slot number> = "A3"

**4.4.35.60 UEFI0103 : "One or more memory initialization errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A3"



**4.4.35.61 UEFI0106 : "One or more memory correctable training errors have occurred on memory slot: <slot>"**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**4.4.35.62 UEFI0107 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A2"

**4.4.35.63 UEFI0108 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**4.4.35.64 UEFI0109 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

**4.4.35.65 UEFI0110 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B2"

**4.4.35.66 UEFI0111 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "B5"

**4.4.35.67 UEFI0112 : "One or more memory errors have occurred on memory slot: <slot>."**

When event is generated, message will have the following substitutions:

- <slot> = "A1"

4.4.35.68 UEFI0115 : "The Management Engine firmware has recovered from one or more correctable errors."

4.4.35.69 UEFI0116 : "One or more boot drivers have reported issue(s)."

4.4.35.70 UEFI0117 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1."

4.4.35.71 UEFI0118 : "Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2."

4.4.35.72 UEFI0119 : "The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost."

4.4.35.73 UEFI0120 : "Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding."

4.4.35.74 UEFI0121 : "The primary SD card is missing, not responding, or in write-protected mode."

4.4.35.75 UEFI0122 : "The secondary SD card is missing, not responding, or in write-protected mode."

4.4.35.76 UEFI0123 : "The secondary SD card has now become the primary SD card."

4.4.35.77 UEFI0125 : "Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues."

4.4.35.78 UEFI0129 : "The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue."

4.4.35.79 UEFI0135 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

4.4.35.80 UEFI0136 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

4.4.35.81 UEFI0137 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible."

4.4.35.82 UEFI0138 : "Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."

4.4.35.83 UEFI0139 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

4.4.35.84 UEFI0140 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible."

4.4.35.85 UEFI0141 : "Unable to enter System Service Mode (SSM) because the Lifecycle

**Controller (LC) firmware was not accessible."**

**4.4.35.86 UEFIO142 : "Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function."**

**4.4.35.87 UEFIO144 : "One or more memory errors have occurred on memory slot: <slot ID>."**

When event is generated, message will have the following substitutions:

- <slot ID> = "A1"

**4.4.35.88 UEFIO146 : "Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result."**

#### **4.4.36 Subcategory= vFlash Event [MessageID prefix =VFL]**

**4.4.36.1 VFL0021 : "One of the vFlash SD Card partitions is already attached to the host operating system."**

**4.4.36.2 VFL1001 : "Removable Flash Media <name> is present."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**4.4.36.3 VFL1008 : "Failure detected on Removable Flash Media <name>."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**4.4.36.4 VFL1009 : "Removable Flash Media <name> is operating normally."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**4.4.36.5 VFL1010 : "Removable Flash Media <name> was activated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**4.4.36.6 VFL1011 : "Removable Flash Media <name> was deactivated."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

**4.4.36.7 VFL1014 : "Removable Flash Media <name> is write protected."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **4.4.36.8 VFL1015 : "Removable Flash Media <name> is writable."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **4.4.37 Subcategory= vFlash Absent [MessageID prefix =VFLA]**

##### **4.4.37.1 VFLA1000 : "Removable Flash Media <name> is absent."**

When event is generated, message will have the following substitutions:

- <name> = "vFlash"

#### **4.4.38 Subcategory= Voltage [MessageID prefix =VLT]**

##### **4.4.38.1 VLT0104 : "Processor module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

##### **4.4.38.2 VLT0105 : "Processor module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "3.2"

##### **4.4.38.3 VLT0200 : "The system board <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

##### **4.4.38.4 VLT0201 : "The system board <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

##### **4.4.38.5 VLT0202 : "The system board <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

##### **4.4.38.6 VLT0203 : "The system board <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.7 VLT0204 : "The system board <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.8 VLT0205 : "The system board <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "12"

#### **4.4.38.9 VLT0206 : "The memory module <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **4.4.38.10 VLT0207 : "The memory module <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **4.4.38.11 VLT0208 : "The memory module <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **4.4.38.12 VLT0209 : "The memory module <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **4.4.38.13 VLT0210 : "The memory module <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "A"
- <name> = "VRM"

#### **4.4.38.14 VLT0211 : "The memory module <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "A"

- <name> = "VRM"

**4.4.38.15 VLT0212 : "The disk drive bay <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.16 VLT0213 : "The disk drive bay <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.17 VLT0214 : "The disk drive bay <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.18 VLT0215 : "The disk drive bay <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.19 VLT0216 : "The disk drive bay <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.20 VLT0217 : "The disk drive bay <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.21 VLT0218 : "The <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.22 VLT0219 : "The <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

**4.4.38.23 VLT0220 : "The <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.24 VLT0221 : "The <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.25 VLT0222 : "The <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.26 VLT0223 : "The <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "VRM"

#### **4.4.38.27 VLT0224 : "The memory module <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

#### **4.4.38.28 VLT0225 : "The memory module <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

#### **4.4.38.29 VLT0226 : "The memory module <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

#### **4.4.38.30 VLT0227 : "The memory module <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <name> = "A"

#### **4.4.38.31 VLT0228 : "The memory module <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

#### **4.4.38.32 VLT0229 : "The memory module <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <name> = "A"

**4.4.38.33 VLT0230 : "The mezzanine card <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.34 VLT0231 : "The mezzanine card <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.35 VLT0232 : "The mezzanine card <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.36 VLT0233 : "The mezzanine card <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.37 VLT0234 : "The mezzanine card <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.38 VLT0235 : "The mezzanine card <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "B1"
- <name> = "VRM"

**4.4.38.39 VLT0300 : "CPU <number> <name> voltage is less than the lower warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"



**4.4.38.40 VLT0301 : "CPU <number> <name> voltage is less than the lower critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**4.4.38.41 VLT0302 : "CPU <number> <name> voltage is greater than the upper warning threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**4.4.38.42 VLT0303 : "CPU <number> <name> voltage is greater than the upper critical threshold."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**4.4.38.43 VLT0304 : "CPU <number> <name> voltage is outside of range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**4.4.38.44 VLT0305 : "CPU <number> <name> voltage is within range."**

When event is generated, message will have the following substitutions:

- <number> = "1"
- <name> = "VRM"

**4.4.38.45 VLT400 : "The <sensor name> sensor has failed with a value <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board Inlet Temp"
- <voltage> = " 45"

**4.4.38.46 VLT401 : "Unable to read <sensor name> sensor value."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"

**4.4.38.47 VLT402 : "The <sensor name> sensor has returned to a normal state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 1.4"

**4.4.38.48 VLT403 : "The <sensor name> sensor state has changed to a warning state with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

**4.4.38.49 VLT404 : "The <sensor name> sensor detected an error with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

**4.4.38.50 VLT405 : "The <sensor name> sensor has failed with a value of <voltage> Volts."**

When event is generated, message will have the following substitutions:

- <sensor name> = "System Board 1.5V PG"
- <voltage> = " 2"

## 4.5 Updates category

### 4.5.1 Subcategory= Job Control [MessageID prefix =JCP]

#### 4.5.1.1 JCP000 : "New"

### 4.5.2 Subcategory= RAC Event [MessageID prefix =RAC]

#### 4.5.2.1 RAC0724 : "Quick Sync Firmware is successfully updated."

#### 4.5.2.2 RAC0725 : "Unable to update the Quick Sync Firmware."

### 4.5.3 Subcategory= FW Download [MessageID prefix =RED]

#### 4.5.3.1 RED025 : "<device name> firmware updated successfully. Current version:<firmware version>"

When event is generated, message will have the following substitutions:

- <device name> = "iDRAC"
- <firmware version> = "3.10"

**4.5.3.2 RED026 : "An internal error occurred while processing updates."**

**4.5.3.3 RED027 : "Insufficient space to upload the requested file."**

**4.5.3.4 RED028 : "Update files were not selected."**

**4.5.3.5 RED029 : "A reboot is pending."**

**4.5.3.6 RED030 : "Reboot is complete."**

**4.5.3.7 RED031 : "Approaching maximum size limit allowed for storing firmware images."**

**4.5.3.8 RED032 : "Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images."**

**4.5.3.9 RED033 : "Unable to reboot system."**

**4.5.3.10 RED034 : "Firmware update in progress."**

**4.5.3.11 RED035 : "<component> Rollback successful. Earlier version:<firmware version>, Current version:<firmware version>."**

When event is generated, message will have the following substitutions:

- <component> = "IDRAC"
- <firmware version> = "9.10.10"
- <firmware version> = "9.30.30"

**4.5.3.12 RED036 : "Firmware updates are available : <component name>"**

When event is generated, message will have the following substitutions:

- <component name> = "Firmware updates available : Enterprise UEFI Diagnostics, 4225A2, 4225.4, OS Drivers Pack, 7.2.0.7, A00, BIOS"

**4.5.3.13 RED037 : "All components firmware match with the specified remote repository."**

**4.5.3.14 RED038 : "A recurring task of type <task type> is added."**

When event is generated, message will have the following substitutions:

- <task type> = "AutoTask"

**4.5.3.15 RED039 : "Settings for a recurring operation of type <operation label> were cleared."**

When event is generated, message will have the following substitutions:

- <operation label> = "AutoTask"

**4.5.3.16 RED040 : "A recurring operation of type <operation type> created a job <job ID>."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

- <job ID> = "JID"

**4.5.3.17 RED041 : "A recurring operation of type <operation type> was not created because the required license is not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.18 RED042 : "A recurring operation of type <operation type> was not created because the necessary user access rights are not available."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.19 RED043 : "A recurring operation of type <operation type> was not created because the operation type is disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.20 RED044 : "A recurring operation of type <operation type> was unable to create a job because the required license is not available now."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.21 RED045 : "A recurring operation of type <operation task> was unable to create a job because the necessary user access rights are not available now."**

When event is generated, message will have the following substitutions:

- <operation task> = "AutoTask"

**4.5.3.22 RED046 : "A recurring operation of type <operation type> was unable to create a job because the task type is now disabled."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.23 RED047 : "A recurring operation <operation type> was not created because the operation is already configured."**

When event is generated, message will have the following substitutions:

- <operation type> = "AutoTask"

**4.5.3.24 RED048 : "The job <job ID> was deleted because the recurring operation <operation type> was cleared."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

- <operation type> = "AutoTask"

**4.5.3.25 RED049 : "The job <job ID> is deleted because the recurring operation <operation type> is currently not enabled."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <operation type> = "AutoTask"

**4.5.3.26 RED050 : "The specified user credentials necessary for downloading an update package were not correct."**

**4.5.3.27 RED051 : "The network file transfer of an update package was not successful."**

**4.5.3.28 RED052 : "Processing of update packages is starting."**

**4.5.3.29 RED053 : "Processing of update packages has completed."**

**4.5.3.30 RED054 : "An update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**4.5.3.31 RED055 : "A reboot job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**4.5.3.32 RED056 : "An internal error occurred. Unable to complete the specified operation."**

**4.5.3.33 RED057 : "An internal error occurred. Unable to complete the specified operation."**

**4.5.3.34 RED058 : "A repository update job <job ID> was created."**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"

**4.5.3.35 RED059 : "Unable to create an update job for <component name>."**

When event is generated, message will have the following substitutions:

- <component name> = "ComponentName"

**4.5.3.36 RED060 : "The specified repository catalog is not supported."**

**4.5.3.37 RED061 : "The job is successfully scheduled."**

**4.5.3.38 RED062 : "Unable to successfully authenticate user credentials to the specified repository."**

**4.5.3.39 RED063 : "The iDRAC firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <available firmware version> = "Available"
- <installed firmware version> = "Installed"

**4.5.3.40 RED064 : "The scheduled Update from Repository job completed successfully. Applicable updates were not found."**

**4.5.3.41 RED065 : "The recurring scheduled update from repository job completed and updates were applied. A system restart was not required."**

**4.5.3.42 RED066 : "The recurring scheduled update from repository job completed and updates are staged to run after the next system restart."**

**4.5.3.43 RED067 : "The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates."**

**4.5.3.44 RED068 : "Unable to successfully complete <job ID>: <job result message>"**

When event is generated, message will have the following substitutions:

- <job ID> = "JID"
- <job result message> = "JobMsg"

**4.5.3.45 RED076 : "Unable to create an Automatic Update schedule, because an invalid parameter is entered."**

**4.5.3.46 RED077 : "Unable to get the Automatic Update schedule information."**

**4.5.3.47 RED078 : "Unable to delete the Automatic Update schedule."**

**4.5.3.48 RED079 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**4.5.3.49 RED080 : "The required parameter <parameter> is not present."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**4.5.3.50 RED081 : "The Automatic Update schedule already exists."**

**4.5.3.51 RED082 : "The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled."**

**4.5.3.52 RED083 : "The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version."**

**4.5.3.53 RED084 : "Unable to update the Chassis firmware. There is a comm. issue between iDRAC and Chassis Management Controller (CMC)."**

**4.5.3.54 RED085 : "Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected."**

**4.5.3.55 RED086 : "Unable to update the Chassis firmware, Chassis Management at Server is not set to Monitor and Configure."**

**4.5.3.56 RED087 : "Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled."**

**4.5.3.57 RED088 : "Unable to update the Chassis firmware because an update operation is already in progress."**

**4.5.3.58 RED089 : "A Chassis firmware update operation is in progress."**

**4.5.3.59 RED090 : "A Chassis firmware update operation is no longer in progress."**

**4.5.3.60 RED091 : "Unable to install Lifecycle Controller firmware."**

**4.5.3.61 RED092 : "The <component name> firmware updated successfully. Previous version: <available firmware version>, Current version: <installed firmware version>"**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**4.5.3.62 RED093 : "The requested job cannot be scheduled because Lifecycle Controller is not enabled."**

**4.5.3.63 RED094 : "Updating firmware for <component name> from version <available firmware version> to version <installed firmware version>."**

When event is generated, message will have the following substitutions:

- <component name> = "Component"
- <available firmware version> = "Available"
- <installed firmware version> = "Current"

**4.5.3.64 RED095 : "rSPI update for Diags failed."**

#### **4.5.4 Subcategory= FW Update Job [MessageID prefix =SUP]**

**4.5.4.1 SUP026 : "The input value entered for the parameter <parameter> is invalid."**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**4.5.4.2 SUP027 : "Missing required parameter <parameter>"**

When event is generated, message will have the following substitutions:

- <parameter> = "Param1"

**4.5.4.3 SUP028 : "The GetRepoBasedUpdateList method did not complete successfully."**

**4.5.4.4 SUP029 : "Firmware versions on server match catalog, applicable updates are not present in the repository."**

**4.5.4.5 SUP030 : "Proxy IP and User Credential pare valid only if the ProxySupport parameter is TRUE."**

**4.5.4.6 SUP0515 : "Unable to authenticate the Update Package signature."**

**4.5.4.7 SUP0517 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"

**4.5.4.8 SUP0519 : "Unable to validate firmware image for <component>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"

**4.5.4.9 SUP0520 : "Unable to update the <component> firmware to version <version>."**

When event is generated, message will have the following substitutions:

- <component> = "Lifecycle Controller"
- <version> = "1.1.0.726, X12"



**4.5.4.10 SUP0525 : "Unable to verify the digital signature of the Update Package."**

**4.5.4.11 SUP0526 : "Unable to continue with firmware update."**

**4.5.4.12 SUP0527 : "The Update Package is not supported for this system."**

**4.5.4.13 SUP0528 : "Unable to generate a firmware comparison table."**

**4.5.4.14 SUP0529 : "Unable to access repository."**

**4.5.4.15 SUP0530 : "Incorrect repository path location."**

**4.5.4.16 SUP0531 : "Unable to install the Update Packages."**

**4.5.4.17 SUP0532 : "The repository contains corrupt Update Packages."**

**4.5.4.18 SUP0533 : "Unable to download the update package files from the FTP server."**

**4.5.4.19 SUP0534 : "Unable to locate the catalog file."**

**4.5.4.20 SUP0535 : "Updating <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**4.5.4.21 SUP0536 : "Successfully updated <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller and 1.1.0.726, X12"

**4.5.4.22 SUP0537 : "Unable to continue the firmware update."**

**4.5.4.23 SUP0538 : "Unable to update <component and version>."**

When event is generated, message will have the following substitutions:

- <component and version> = "Lifecycle Controller"

**4.5.4.24 SUP0539 : "Update Packages missing in the repository."**

#### **4.5.5 Subcategory= Software Config [MessageID prefix =SWC]**

**4.5.5.1 SWC5005 : "Unable to update the System Controller (SC) firmware"**

**4.5.5.2 SWC5006 : "System Controller (SC) Firmware Update Successful"**

#### **4.5.6 Subcategory= Software Change [MessageID prefix =SWU]**

**4.5.6.1 SWU8500 : "The <update/reinstall/rollback> request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**4.5.6.2 SWU8501 : "The reinstall/rollback request to Lifecycle Controller on server <slot number> was not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.3 SWU8502 : "A <update/reinstall/rollback> request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**4.5.6.4 SWU8503 : "A reinstall/rollback request was submitted to the Lifecycle Controller on server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.5 SWU8504 : "Successfully scheduled the <update/reinstall/rollback> operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <update/reinstall/rollback> = ""

**4.5.6.6 SWU8505 : "Successfully scheduled the reinstall/rollback operation on the server <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.7 SWU8506 : "Completed the Firmware update operation for CMC<slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.8 SWU8513 : "Successfully updated the IOM infrastructure firmware of slot <slot number>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.9 SWU8514 : "Unable to update the IOM infrastructure firmware of slot <slot number>. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.10 SWU8515 : "Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.11 SWU8516 : "Unable to update the iDRAC firmware on the server in slot <slot number>. Transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.12 SWU8517 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.13 SWU8518 : "The firmware update operation on the iDRAC on the server in slot <slot number> is stopped."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.14 SWU8519 : "The firmware update operation of the iDRAC on the server in slot <slot number> is stopped. The Image file is corrupted."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.15 SWU8520 : "The firmware update operation of the iDRAC on the server in slot <slot number> is not successful."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.16 SWU8521 : "The firmware update operation of the iDRAC on the server in slot <slot number> was stopped. The selected Image file is not compatible with the server hardware."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.17 SWU8522 : "Unable to update the iDRAC on the server in <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.18 SWU8523 : "The firmware update operation of the iDRAC on the server in slot <slot number> is successfully completed."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.19 SWU8524 : "Unable to update the iDRAC on the server in slot <slot number> firmware: ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.20 SWU8525 : "Unable to update the iDRAC firmware on the server in slot <slot number>. The firmware update timeout limit is exceeded."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.21 SWU8526 : "The firmware update operation of the iDRAC on the server in slot <slot number> is initiated."**

When event is generated, message will have the following substitutions:

- <slot number> = ""

**4.5.6.22 SWU8527 : "Successfully completed the iKVM firmware update."**

**4.5.6.23 SWU8528 : "Unable to update the iKVM firmware, because of a checksum error."**

**4.5.6.24 SWU8529 : "Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target."**

**4.5.6.25 SWU8530 : "Unable to update the iKVM firmware."**

**4.5.6.26 SWU8531 : "Unable to update the iKVM firmware. The firmware update timeout limit is exceeded."**

**4.5.6.27 SWU8532 : "Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.28 SWU8533 : "Unable to update the LKVM firmware, because the target is not ready. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.29 SWU8534 : "Unable to update the iKVM firmware."**

**4.5.6.30 SWU8535 : "Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.31 SWU8536 : "Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.32 SWU8537 : "Unable to update the LKVM firmware, because the IP address provided is invalid. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.33 SWU8538 : "Unable to update the iKVM firmware. Reason = 0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.34 SWU8540 : "Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

**4.5.6.35 SWU8541 : "Unable to update the PSU firmware, because the Image file is not accessible. ErrorCode=0x<error no>."**

When event is generated, message will have the following substitutions:

- <error no> = ""

4.5.6.36 SWU8542 : "Unable to update the Active CMC firmware. The Image file transfer process was not successful."

4.5.6.37 SWU8543 : "Unable to update the Active CMC firmware. The Image file was not accessible."

4.5.6.38 SWU8544 : "Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update."

4.5.6.39 SWU8545 : "Unable to update the Standby CMC firmware."

4.5.6.40 SWU8546 : "Unable to update the Standby CMC firmware."

4.5.6.41 SWU8547 : "Unable to update the Standby CMC firmware. The Image transfer process was not successful."

4.5.6.42 SWU8548 : "Unable to update the Standby CMC firmware. The Image was not accessible."

4.5.6.43 SWU8549 : "Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful."

4.5.6.44 SWU8550 : "Unable to update the firmware of Standby CMC and Active CMC."

4.5.6.45 SWU8551 : "Unable to update the firmware of Active CMC. The checksum process was not successful."

4.5.6.46 SWU8552 : "Unable to update the firmware of Active CMC."

4.5.6.47 SWU8553 : "Unable to update the Active CMC firmware. The Image file was not accessible."

4.5.6.48 SWU8554 : "Local CMC firmware update has been initiated."

4.5.6.49 SWU8555 : "Active CMC and Standby CMC firmware updates have been initiated."

4.5.6.50 SWU8561 : "The firmware downgrade operation is unsuccessful. The new firmware version is not supported for the current hardware configuration."

## 4.5.7 Subcategory= UEFI Event [MessageID prefix =UEFI]

4.5.7.1 UEFI0061 : "The request to change attributes is being processed."

4.5.7.2 UEFI0062 : "One or more attributes are successfully changed."

4.5.7.3 UEFI0063 : "Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block."

4.5.7.4 UEFI0064 : "One or more attributes are successfully configured. The system is being restarted."

4.5.7.5 UEFI0065 : "One or more attributes are successfully configured. The system will be

automatically turned off in 5 seconds."

## 4.6 Category: Work Notes

### 4.6.1 Subcategory= UEFI Event [MessageID prefix =UEFI]

4.6.1.1 UEFI0050 : "The process of collecting Brand information is started."

4.6.1.2 UEFI0051 : "Brand information is successfully collected. The system is being restarted."

4.6.1.3 UEFI0053 : "The debranding process is started."

4.6.1.4 UEFI0054 : "Debranding process is completed. The system is being restarted."

### 4.6.2 Subcategory= User Tracking [MessageID prefix =USR]

4.6.2.1 USR0001 : "<message>"

When event is generated, message will have the following substitutions:

- <message> = "test string"